Informe de topografía - Proyecto No.12 (COMUNA 10).

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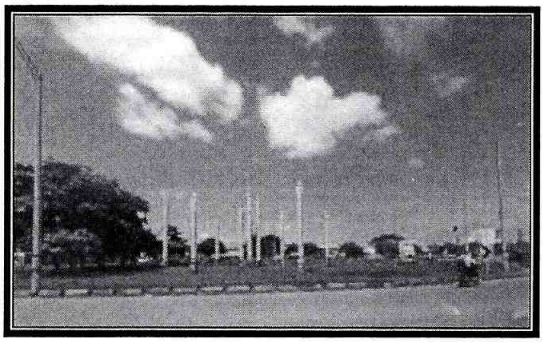
Secretaria de infraestructura del Municipio de Montería

Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

ESTUDIOS PARA LA FORMULACION DE PROYECTOS DE INFRAESTRUCTURA VIAL A REALIZAR POR LA

SECRETARIA DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA

INFORME DE TOPOGRAFIA DE LEVANTAMIENTOS TOPOGRAFICOS DEL PROYECTO No 12 PAVIMENTACION DE VIAS EN BARRIOS DE LAS COMUNAS 8 – 3 y 10





CONTRATO DE CONSULTORIA No CMA- 017-2024 CONSORCIO CONSULTORIA VIAL MONTERIA

INFORME DE TOPOGRAFIA DE LEVANTAMIENTOS TOPOGRAFICOS DEL GRUPO 12

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1 Introducción

LA SECRETARIA DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA en cumplimiento de sus funciones y atendiendo los requerimientos para el fortalecimiento y el desarrollo de la infraestructura vial del casco urbano del municipio de Montería, más específicamente en las área que lo requieren, y que básicamente se refiere a la necesidad de dotar de pavimentos calles y vías del casco urbano con el objeto del mejoramiento de la movilidad en el sector urbano de Montería.
Por esta razón puso en marcha la realización de los estudios para la dotación de pavimentos recuperación en diversos sectores de la malla vía.
Dentro de las tareas se encuentra realizar los levantamientos topográficos detallados y amarrados a la red Geodésica Sistema de coordenadas Magna Sirgas Origen único Nacional.
La topografía tiene como objetivo principal detallar cada uno de los diferentes componentes para la correcta evaluación de los distintos componentes, las condiciones en que se encuentra y ejecutar las actividades necesarias encaminadas a la elaboración de los estudios y diseños para la posterior construcción.
El objetivo final es la de entrega de un documento final que recoja todas las actividades y permita evaluar diseñar y presupuestar de manera correcta el proyecto
Por esta razón se contrató un topógrafo idóneo y titulado con amplia experiencia en este tipo de levantamientos, con el fin de adelantar los estudios topográficos necesarios para el desarrollo del objeto del presente informe.
En cumplimiento de eso se desarrollaron las tareas tendientes a cumplir con esta labor, por tal razón en el presente informe haremos un recuento detallado de las actividades ejecutadas en desarrollo de los levantamientos topográficos.

2 Generalidades

Dentro de los trabajos de campo ejecutados para el proyecto, se encuentran la Georreferenciación de este al sistema de coordenadas **MAGNA SIRGA ORIGEN UNICO NACIONAL** por el método de tiempo de rastreo en estático usando información certificada por el **INSTITUTO GEOGRAFICO AGUSTIN CODAZZI**. Presentes en los alcances del proyecto.

2.1 Personal.

Para el desarrollo de la topografía se contrató a un topógrafo idóneo con licencia profesional vigente, con sus respectivos ayudantes con vasta experiencia en este tipo de actividad.

2.2 Equipos.

Para la correcta ejecución de la topografía y Georreferenciación se utilizaron los siguientes equipos.

- Receptores GPS y Glonas marca Topcon Hiper+ doble frecuencia.
- Receptores Esurvey E300 Pro RTK doble frecuencia L1 y L2.
- Receptores Kolida doble frecuencia L1 y L2.
- Software especializado Topcon Tools.
- Software especializado Civil3D
- Trípodes.
- Bastones

3 Objetivos

3.1 Objetivos Generales.

- Elaborar levantamiento topográfico detallado de cada una de las calles que harán parte del proyecto grupo 2 estos se ejecutaran con gran detalle para determinar las geo forma exacta del terreno y cada componente que pueda interferir en el desarrollo de los diseños

3.2 Objetivos específicos.

- Obtener mediante la topografía información planimetria y altimétrica detallada, alindera miento, áreas de construcción, estructuras existentes, detalle Topográfico general y toda aquella información relevante para el desarrollo de un correcto y adecuado diseño, acorde a las necesidades actuales.
- Localizar el proyecto de recuperación de la malla vial en grupo 12 sector urbano del Municipio de Montería en el departamento del Córdoba al sistema de coordenadas red Magna Sirga Origen único nacional CTM 12.

4 Localización del Proyecto 12

Montería es un municipio colombiano, capital del departamento de Córdoba. Está ubicado al noroccidente del país en la región Caribe Colombiana, se encuentra a orillas del río Sinú, por lo que es conocida como la "Perla del Sinú". Es considerada la capital ganadera de Colombia; anualmente celebra la feria de la Ganadería durante el mes de junio. Es además, un importante centro comercial y universitario, reconocida como una de las ciudades colombianas con mayor crecimiento y desarrollo en los últimos años y por impulsar el desarrollo sostenible.

La ciudad es la capital de Córdoba desde 1952, cuando este territorio se separó del departamento de Bolívar. Es el centro administrativo, cultural, económico y político de la región cordobesa, siendo sede de certámenes turísticos y festividades. Junto con los municipios de Cereté, San Pelayo, Ciénaga de Oro y San Carlos conforman el Área metropolitana de Montería.

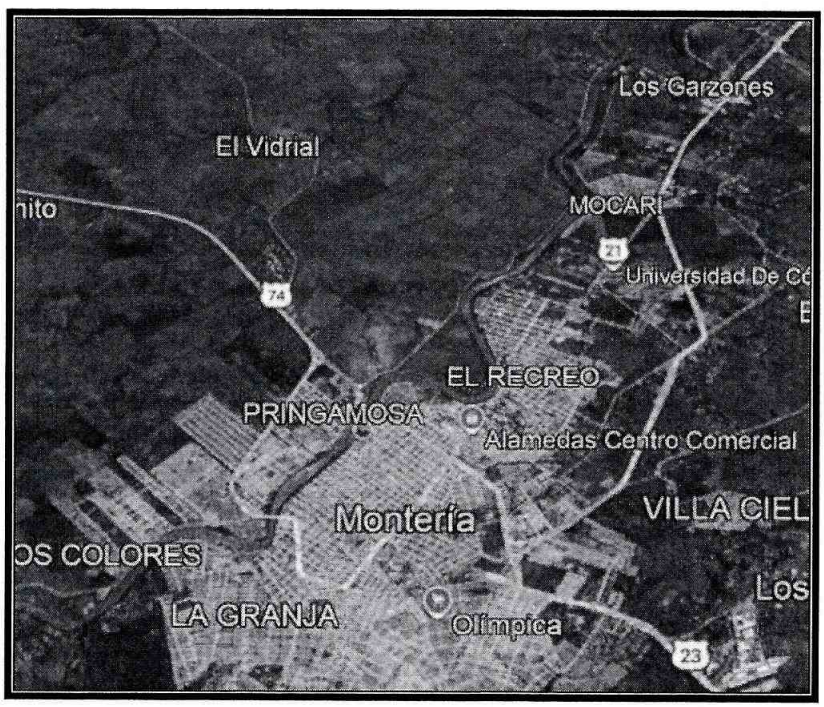


Imagen No 1

Localización de las vías urbanas que serán intervenidas para ser pavimentadas Proyecto 12

5 Metodología y resultados

5.1 Referencia Topográfica.

Este marco de referencia topográfica se desprende del sistema de puntos CD, materializados y georreferenciado por el Instituto Geográfico Agustín Codazzi (IGAC), y referidos al sistema MAGNA SIRGA.

El sistema MAGNA se expresa en coordenadas geográficas y planas de Gauss con origen distante (factor de escala significativo), teniendo en cuenta los componentes geodésicos como curvatura terrestre, convergencia de meridianos y proyección sobre el geoide (geodesia), (sin factor de altura).

5.2 Descripción Trabajo de Campo.

5.2.1 Materialización y Georeferenciacion de Mojones en Campo.

Esta labor se realizó mediante la utilización del sistema GNSS (Sistema de Posicionamiento Global Constelación americana, Galileo, Glonas, BeiDou, Navic y QZS)

Para la realización de esta labor se utilizó 1 vértices de la red pasiva del IGAC sistema **MAGNA SIRGA** como base para la corrección horizontal y vertical en pos proceso.

Para esta actividad se procedió a instalar estratégicamente 22 Mojones de concreto en sitios de fácil acceso, de tal manera que su ubicación garantice estabilidad y permanencia del punto, para el caso de la pavimentación de las diferentes calles de la malla vial se materializaron y georreferenciaron 22 mojones en distintas zonas de la ciudad, de tal manera que su ubicación cubra la mayor área y cercanía con los proyectos a ejecutar.

Para la colocación se excavaron huecos de 0,20 x 0,20 metros de ancho por 0,40 metros de profundidad, luego se vaciaron en sitio con concreto cuya relación de mezcla es una parte de cemento dos partes de arena y 3 partes de agregado grueso y se les coloco una placa de aluminio con su vértice centro e identificados con la leyenda en bajo relieve Alcaldía de Montería 2024 GNSS 01 en consecutivo hasta el GNSS PE 22 Respetivamente.

Para su localización se suministra un archivo KMZ de la ubicación de los Mojones y un cuadro con las direcciones de localización

A continuación presentamos registro fotográfico de la Georreferenciación.

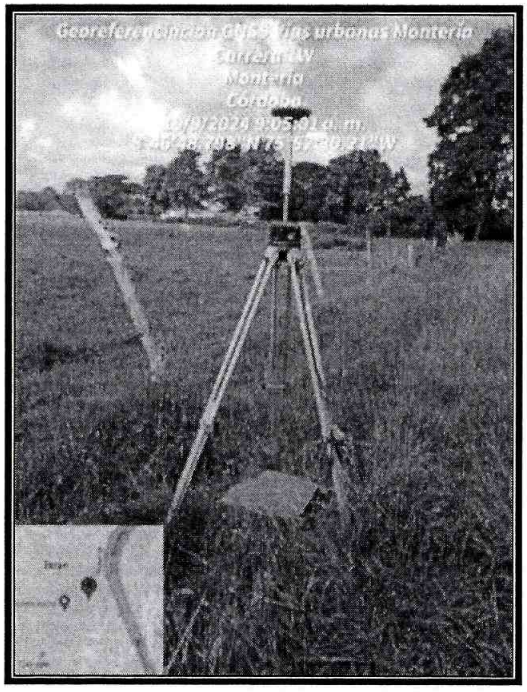


Imagen No 2

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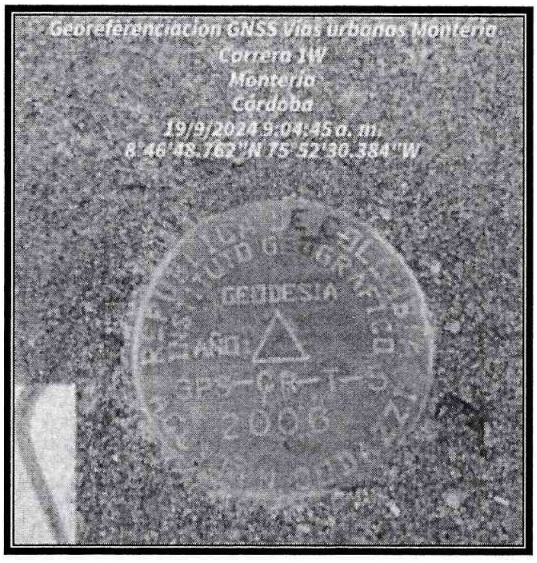


Imagen No 3

Placa descriptiva mojón GNSS IGAC CR-T-5

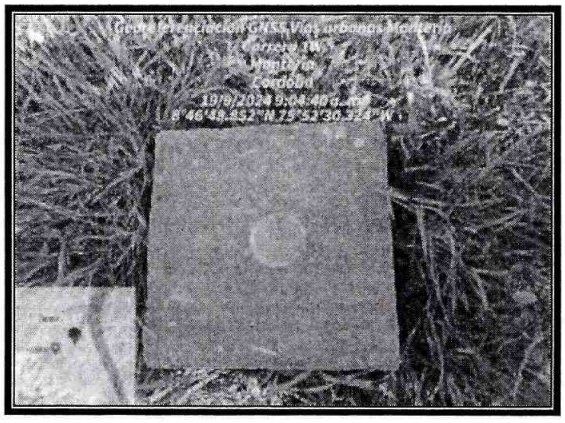


Imagen No 4

Mojón GNSS IGAC CR-T-5



Imagen No 5

Placa descriptiva Mojón GNSS 01

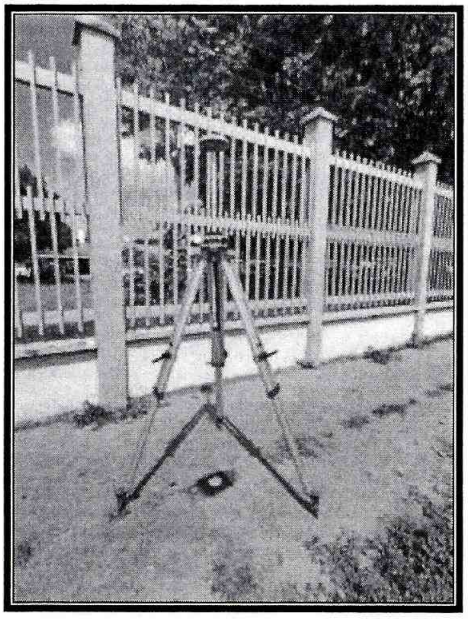


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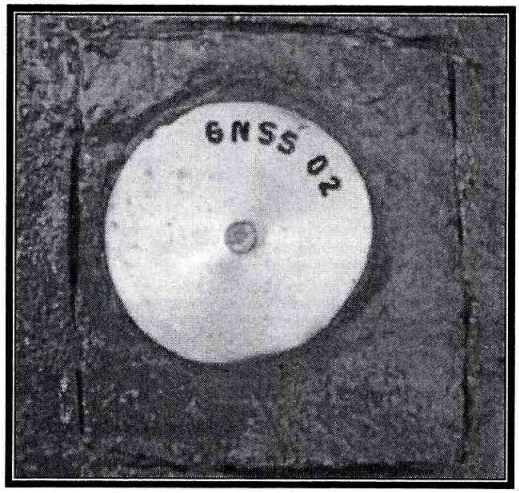


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Placa descriptiva Mojón GNSS 01

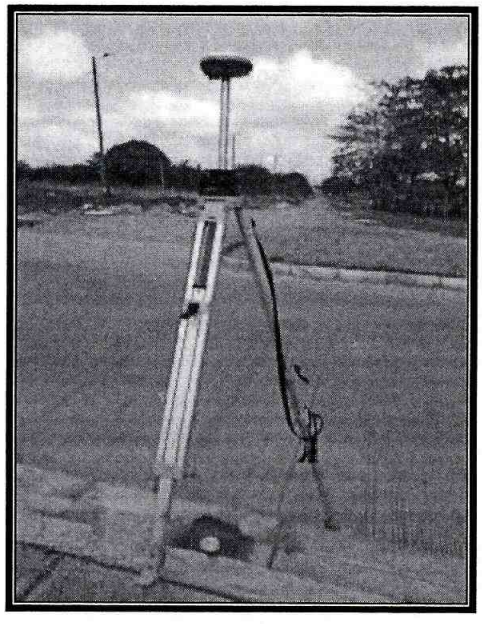


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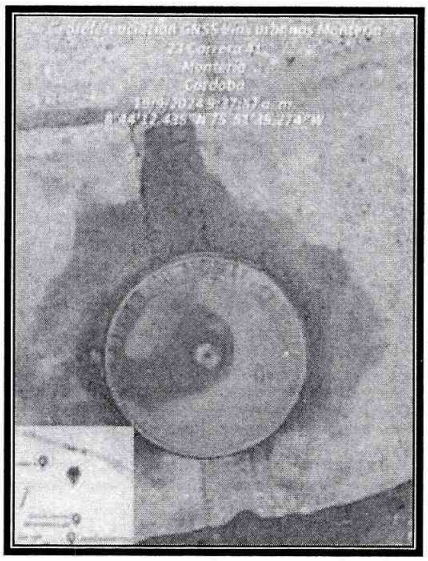


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Placa descriptiva Mojón GNSS 03

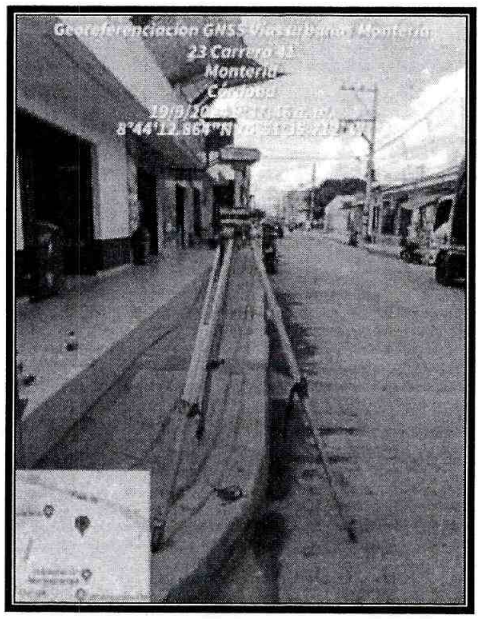


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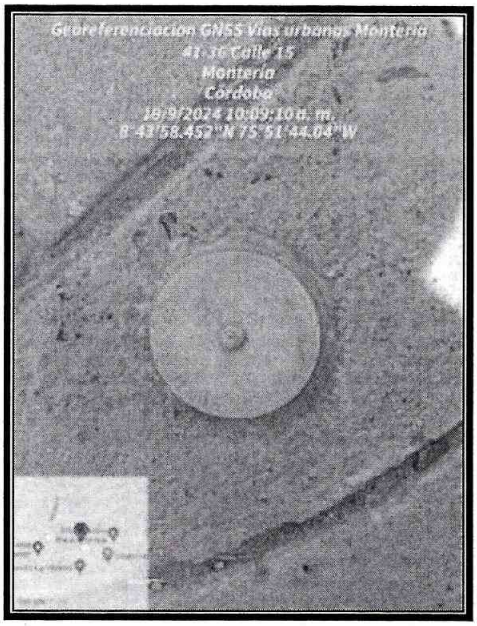


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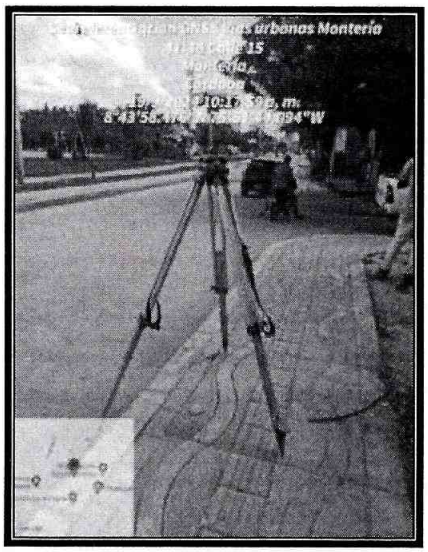


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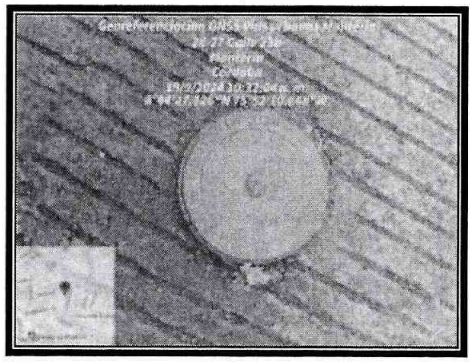


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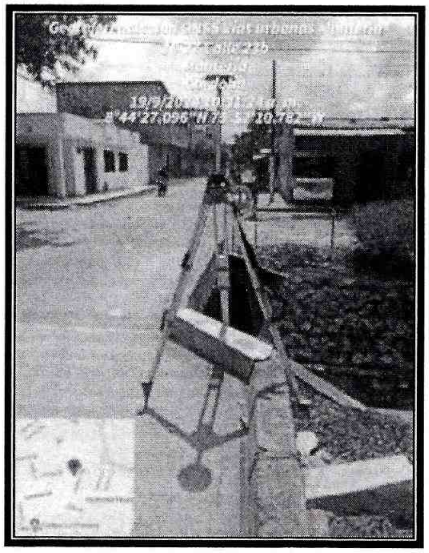


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Receptor GNSS en Mojón GNSS 05

Secretaria de infraestructura del Municipio de Montería

Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

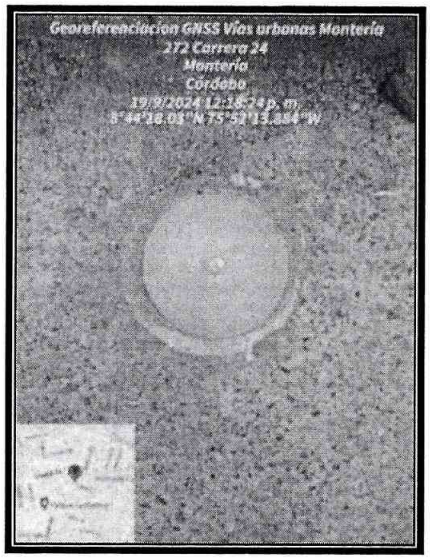


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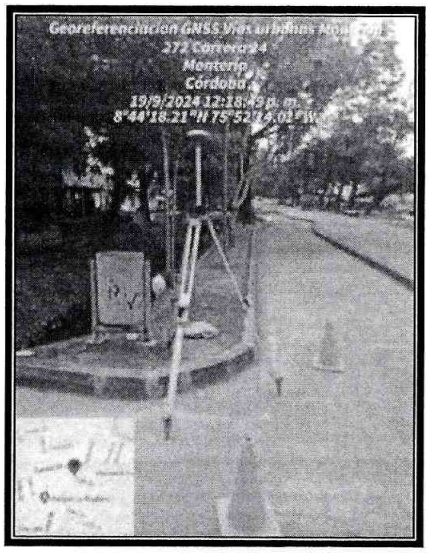


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Receptor GNSS en Mojón GNSS 06

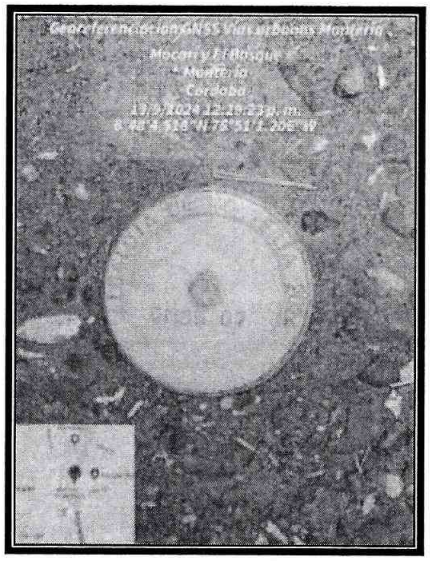


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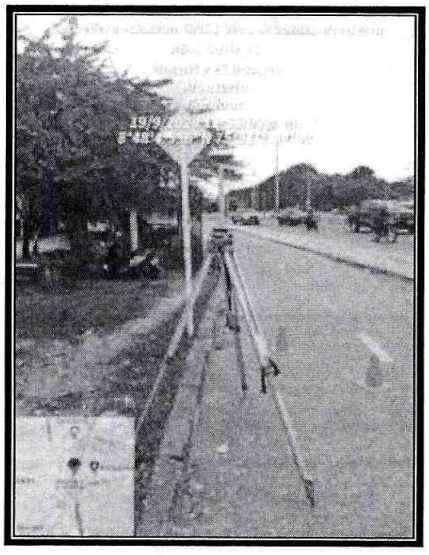


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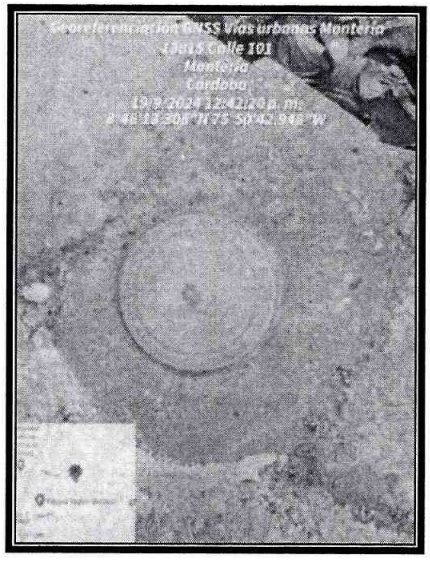


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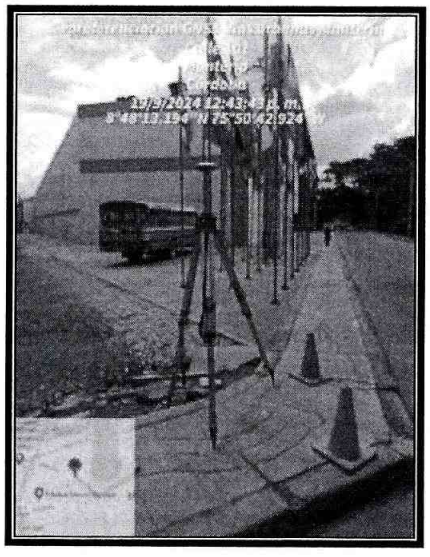


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Imagen No 21

Placa descriptiva Mojón GNSS 09

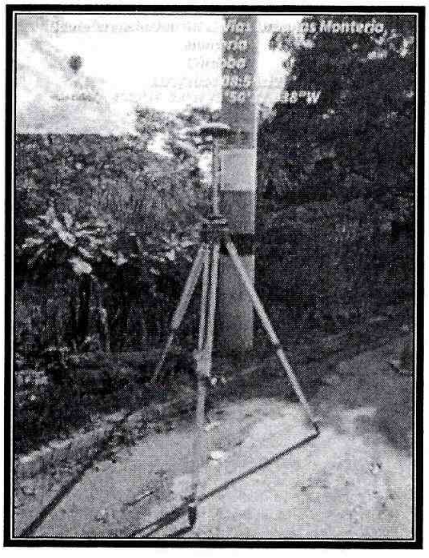


Imagen No 22

Receptor GNSS en Mojón GNSS 09



Imagen No 23

Placa descriptiva Mojón GNSS 10

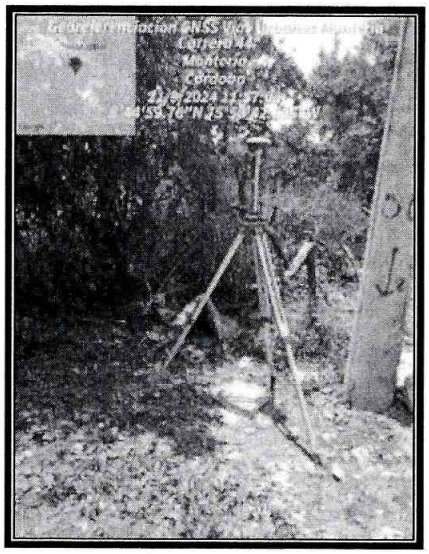


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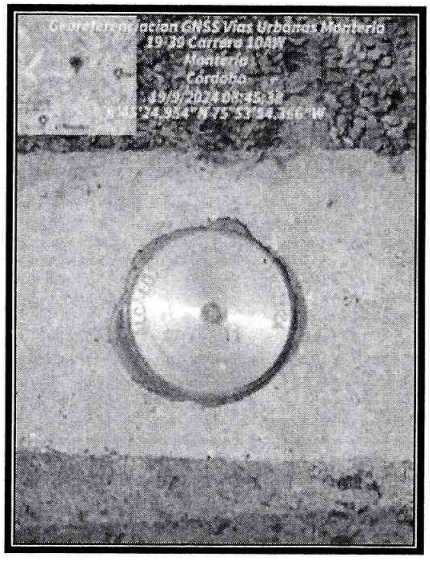


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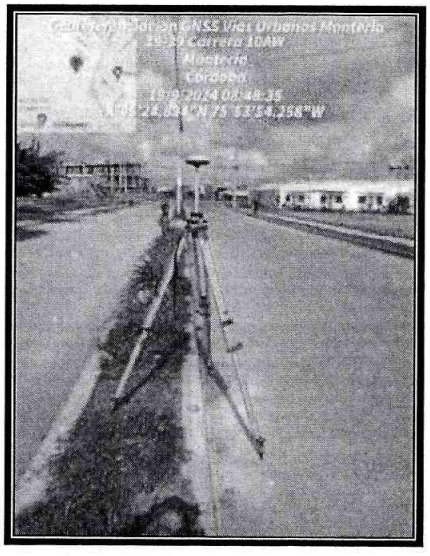


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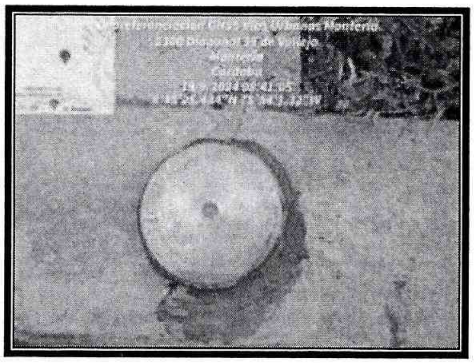


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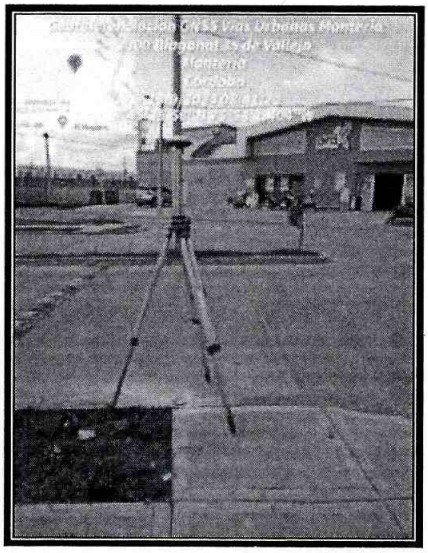


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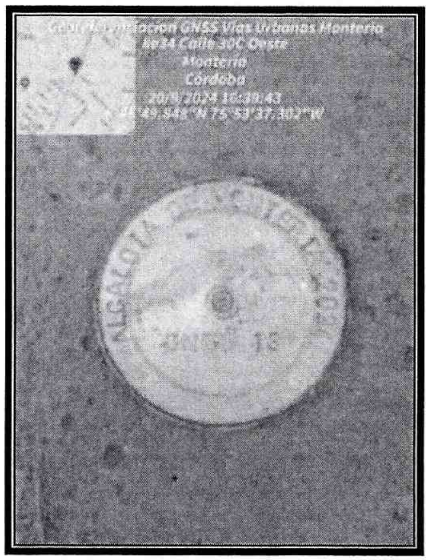


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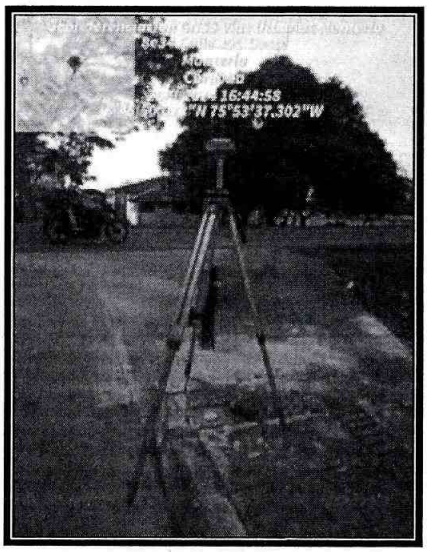


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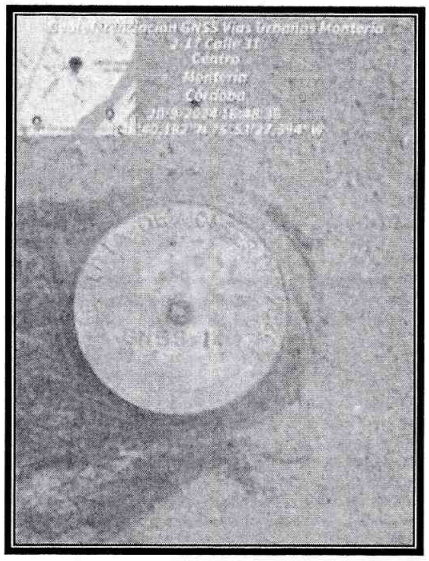


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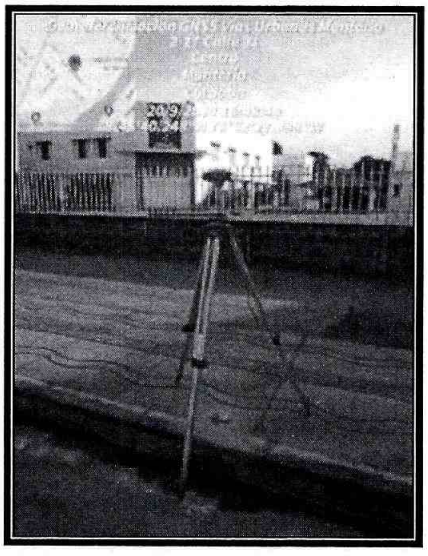


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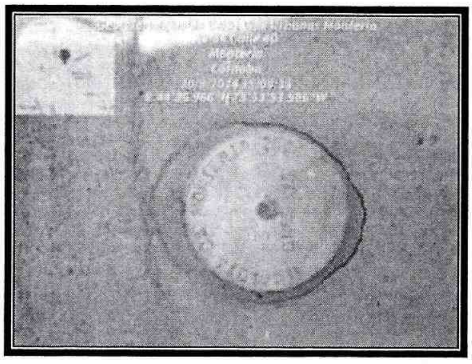


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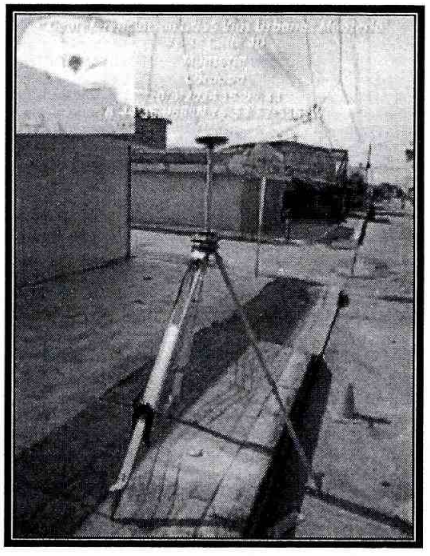


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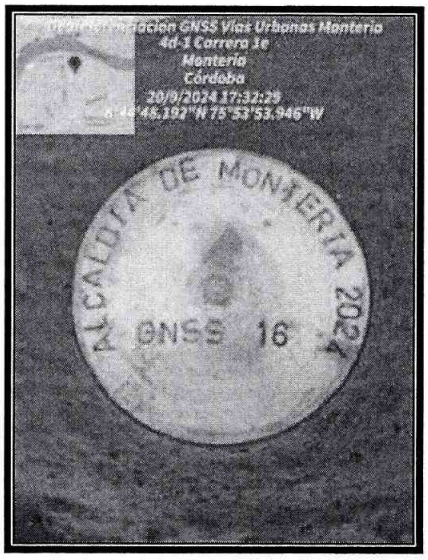


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Placa descriptiva Mojón GNSS 16

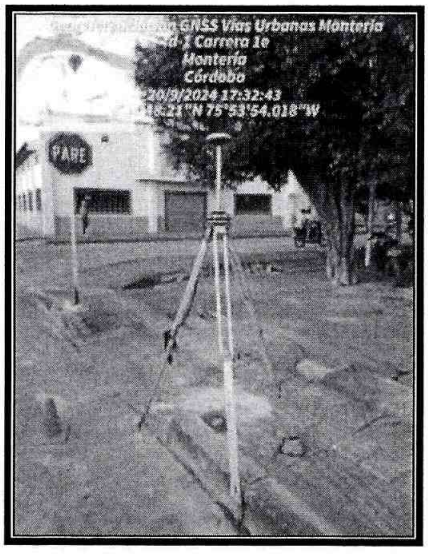


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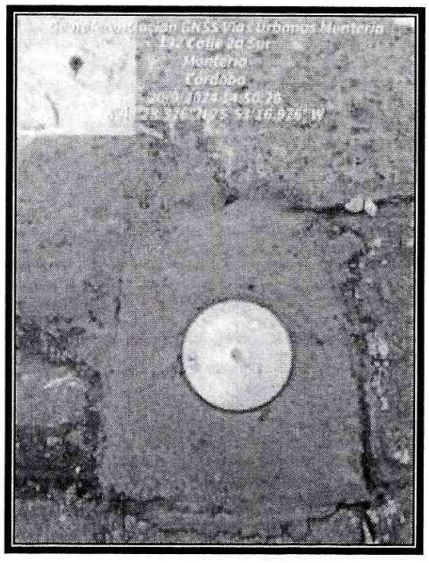


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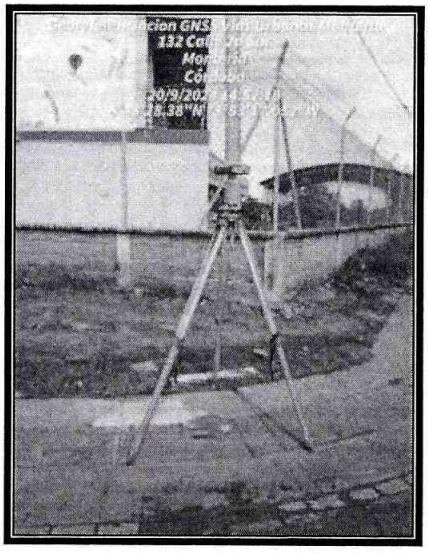


Imagen No 38

Receptor GNSS en Mojón GNSS 18

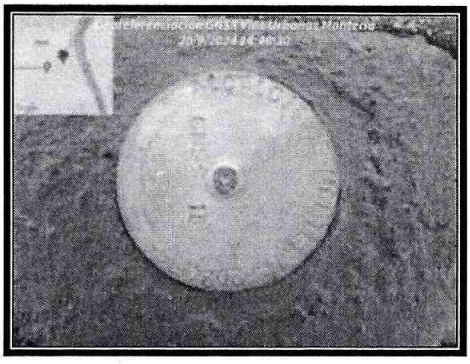


Imagen No 39

Placa descriptiva Mojón GNSS 18

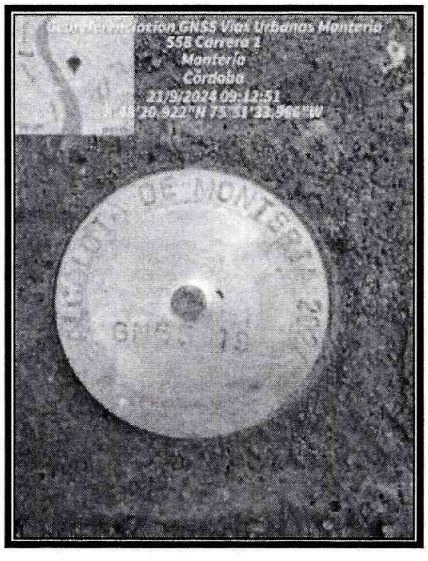


Imagen No 40

Placa descriptiva Mojón GNSS 19

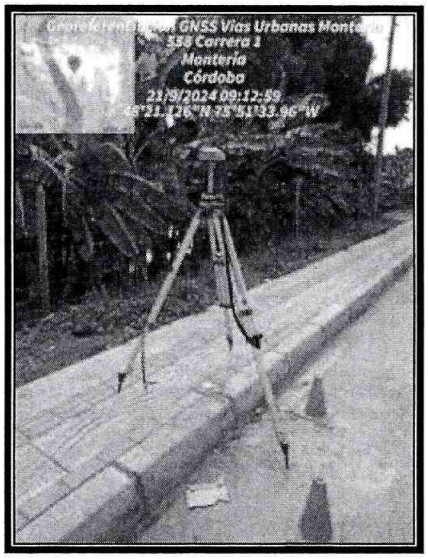


Imagen No 41

Placa descriptiva Mojón GNSS 19

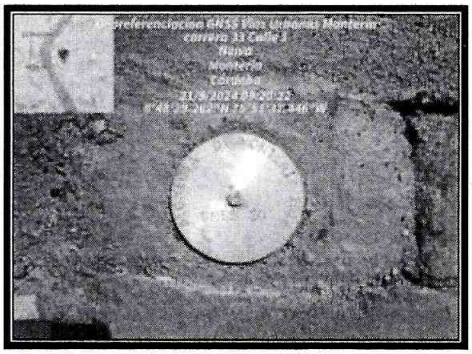


Imagen No 42

Placa descriptiva Mojón GNSS 20

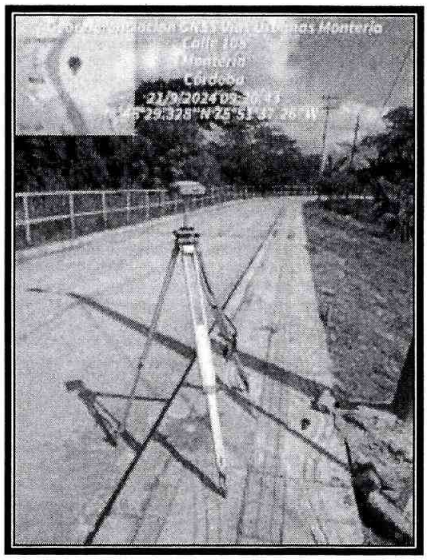


Imagen No 43

Placa descriptiva Mojón GNSS 20

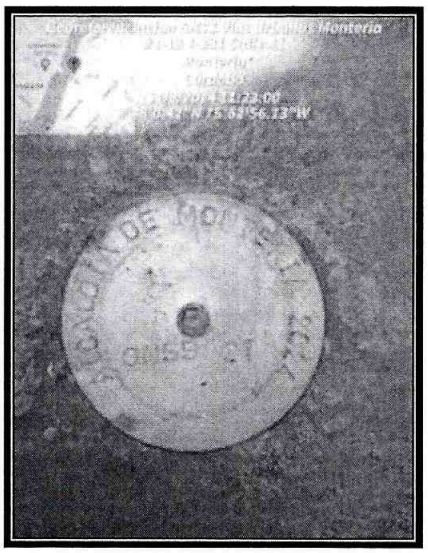


Imagen No 44

Placa descriptiva Mojón GNSS 21

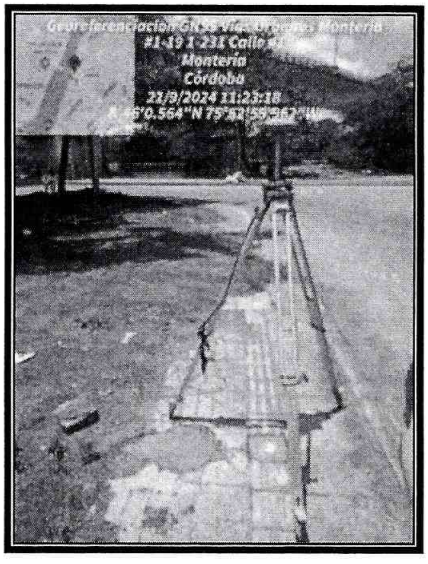


Imagen No 45

Placa descriptiva Mojón GNSS 21

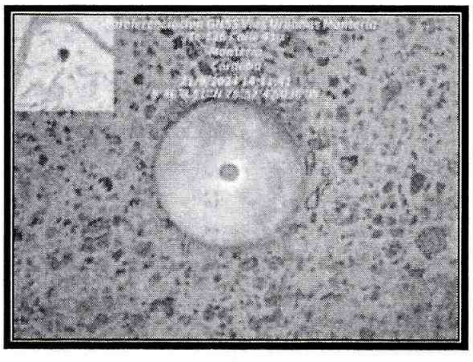


Imagen No 46

Placa descriptiva Mojón GNSS 22

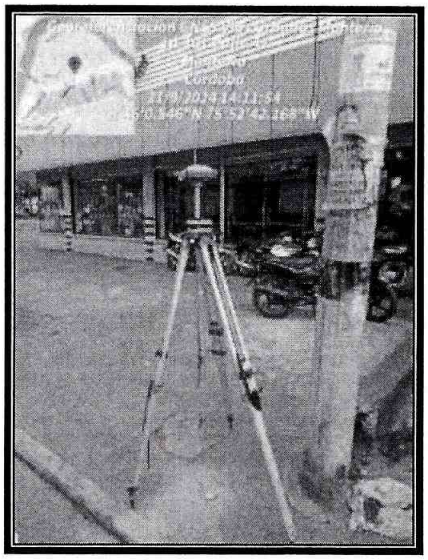


Imagen No 47

Placa descriptiva Mojón GNSS 22

5.2.2 Georreferenciación del Proyecto en Campo.

Para la Georreferenciación del proyecto se escogió el vértice **MOJON GPS IGAC CR-T-5** por su disponibilidad y por estar ubicado en el casco urbano del municipio de Montería.

después de obtener la información relacionada con este vértice desde la base de datos del IGAC como coordenadas y la descripción del punto se procedió a localizarlos en campo y determinar su estado y verificar que no haya sido alterada su posición, realizada esta actividad se centró y nivelo el receptores Esurvey E300 Pro en el vértice GPS IGAC CR-T-5, se midió y anoto las respectivas alturas al centro de fase del receptor, se encendieron y se esperó que diera inicio a la recepción de satélites, después de un tiempo se revisó la recepción en ese momento y después de determinar que era la adecuada se procedió al almacenamiento de datos Rinex.

Simultáneamente en el sitio donde se materializaron los diferentes vértices o mojones que servirían de apoyo al proyecto se fueron armando y centrando en cada mojón un receptor GNSS Rover iniciando en el Mojón GNSS 01 y así en cada uno de los mojones hasta llegar al GNSS 22, cabe decir que para cada proceso se nivelo y se centró el receptor, se midió la respectiva altura al

centro de fase y se verifico la adecuada recepción de satélites antes de iniciar la grabación de datos, este proceso se ejecutó durante 3 días aproximadamente.

Para determinar los tiempos de rastreo de captura de datos para cada mojón GNSS y teniendo en cuenta que la distancia entre cada uno de ellos no es igual se utilizó la formula determinada por el IGAC **T=65 min + (3 min x (D - 10))** donde T es el tiempo de rastreo en minutos, D la distancia en kilómetros entre el punto de posicionamiento y el Punto **GPS IGAC CR-T-5** escogido como punto de control vertical y horizontal, se considera un tiempo de 10 minutos de error.

A confinación se coloca la tabla de cálculo de los tiempos de rastreo para cada vértice.

PUNTO BASE DE CONTROL VERTICAL Y HORIZONTAL		
BASE	**COORD ESTE**	**COORD NORTE**
GPS IGAC CR-T-5	4683800,569	2529424,825

PUNTO	COORDENADA ESTE	COORDENADA NORTE	DISTANCIA ENTRE PUNTOS (Km)	TIEMPO DE RASTREO (Hr)	DOBLE TIEMPO (Hr)	DOBLE TIEMPO (Min)
GNSS-01	4683247,900	2525589,430	3,875	0,777	1,554	93
GNSS-02	4683488,735	2525321,971	4,115	0,789	1,578	95
GNSS-03	4685446,820	2524606,521	5,092	0,838	1,676	101
GNSS-04	4685174,338	2524175,965	5,426	0,855	1,709	103
GNSS-05	4684364,366	2525062,662	4,398	0,803	1,607	96
GNSS-06	4684263,673	2524787,720	4,660	0,816	1,633	98
GNSS-07	4686532,812	2531724,643	3,571	0,762	1,524	91
GNSS-08	4687099,886	2531990,250	4,179	0,792	1,585	95
GNSS-09	4687214,452	2526572,405	4,449	0,806	1,612	97
GNSS-10	4687064,662	2526045,145	4,699	0,818	1,637	98
GNSS-11	4681209,728	2526866,559	3,641	0,765	1,531	92
GNSS-12	4680993,998	2526889,247	3,782	0,772	1,545	93
GNSS-13	4681734,304	2527632,469	2,735	0,720	1,440	86
GNSS-14	4682031,577	2527326,108	2,745	0,721	1,441	86
GNSS-15	4681220,682	2525388,755	4,790	0,823	1,646	99
GNSS-16	4681216,984	2525731,806	4,507	0,809	1,617	97
GNSS-17	4682312,114	2523270,126	6,332	0,900	1,800	108
GNSS-18	4682426,234	2523525,794	6,057	0,886	1,772	106
GNSS-19	4685545,797	2532241,972	3,314	0,749	1,498	90
GNSS-20	4685443,594	2532503,421	3,490	0,758	1,516	91

GNSS-21	4683003,136	2527946,498	1,680	0,667	1,335	80
GNSS-22	4683428,148	2527938,205	1,533	0,660	1,320	79

Tabla No 1 Cálculo de Tiempos de Rastreo

Tomando como base los datos calculados en esta tabla se procedió a dar tiempo de recepción a cada mojón GNSS, Transcurrido este tiempo, se desmontaron los receptor rover de cada uno de los vértices de apoyo al proyecto, se procedió al apagado y desmonte de los receptores para posteriormente descargar la información y proceder al procesamiento de los datos.

Para determinar las coordenadas con que se va a realizar el ajuste en pos proceso de la información es necesario obtenerla de la base de datos de Instituto Geográfico Agustín Codazzi IGAC.

A continuación, se presenta la imagen con la información del vértice GPS IGAC CR-T-5 Usado para la Georeferenciacion.

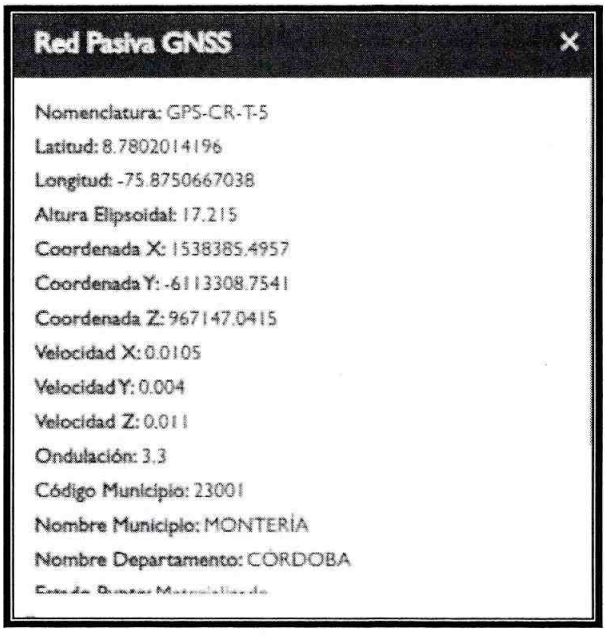


Imagen No 48

Información Mojón GNSS IGAC CR-T-5

Luego de esto se procede a realizar el ajuste de las coordenadas al tiempo en que se realiza el Rastreo utilizando el software Magna Sirgas Prov5, suministrado por el instituto geográfico Agustín Codazzi en su Página Web.

Llevar a cabo esta conversión es crucial en geodesia y navegación satelital debido a los procesos geológicos y movimientos de la tierra.

Por el movimiento de la Tierra esta no es perfectamente esférica y su superficie se mueve debido a procesos geológicos y movimientos tectónicos.

La Deriva continental hace que los continentes se mueven lentamente debido a la tectónica de placas.

Otro factor es que los polos terrestres se mueven debido a cambios en la distribución de masa en la Tierra, y a eso se le agregan las variaciones en la órbita de los satélites, las órbitas de los satélites no son perfectamente estables y cambian con el tiempo.

La atmósfera y la ionosfera afectan la señal de los satélites, causando errores en la posición, además de que los relojes atómicos de los satélites no son perfectos y requieren ajustes.

A continuación presentamos la imagen de ajuste de coordenadas al tiempo de rastreo del vértice **GPS CR-T-5**

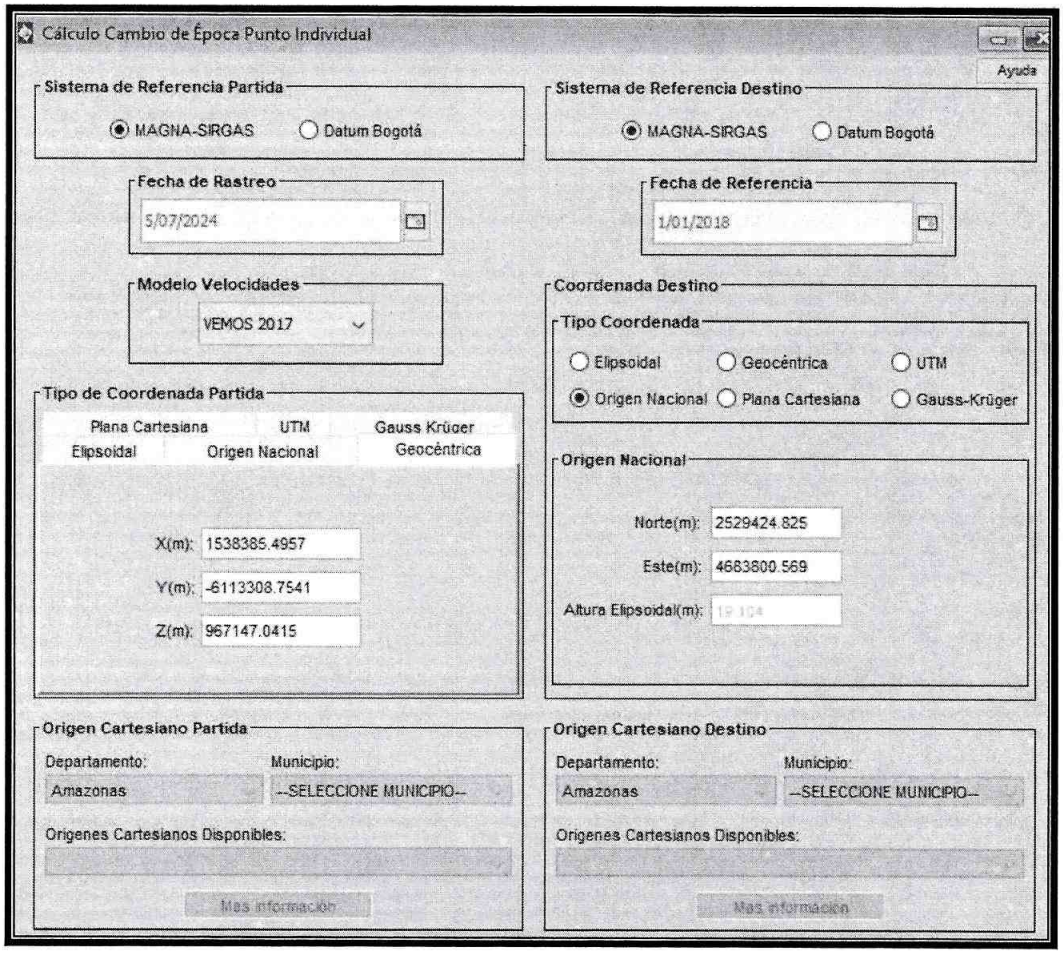


Imagen No 49

Ajuste a época de rastreo Mojón GNSS IGAC CR-T-5

Ya ajustadas a época de rastreo y convertidas a planas de Gauss Magna Origen único nacional CTM 12 procedemos a realizar el Pos proceso para determinar las coordenadas de cada uno de los vértices materializados (GNSS 01 hasta GNSSS 22) para esto utilizaremos el software de pos proceso TOPCON TOLLS.

Secretaria de infraestructura del Municipio de Montería

A continuación presentamos la tabla de los resultados obtenidos en el pos proceso.

Name	Grid Easting (m)	Grid Northing (m)	WGS84 Longitude	WGS84 Latitude	Elevation (m)	Code
GNSS-01	4683247,900	2525589,430	75°52'47,35662"W	8°44'43,80253"N	14,687	MOJON
GNSS-02	4683488,735	2525321,971	75°52'39,41404"W	8°44'35,16080"N	13,819	MOJON
GNSS-03	4685446,820	2524606,521	75°51'35,20329"W	8°44'12,36891"N	12,858	MOJON
GNSS-04	4685174,338	2524175,965	75°51'44,00697"W	8°43'58,29351"N	13,202	MOJON
GNSS-05	4684364,366	2525062,662	75°52'10,71474"W	8°44'26,94165"N	13,653	MOJON
GNSS-06	4684263,673	2524787,720	75°52'13,93905"W	8°44'17,97153"N	13,058	MOJON
GNSS-07	4686532,812	2531724,643	75°51'01,45635"W	8°48'04,22612"N	14,516	MOJON
GNSS-08	4687099,886	2531990,250	75°50'42,97479"W	8°48'13,00817"N	14,965	MOJON
GNSS-09	4687214,452	2526572,405	75°50'37,88400"W	8°45'16,76496"N	11,012	MOJON
GNSS-10	4687064,662	2526045,145	75°50'42,65229"W	8°44'59,57348"N	11,852	MOJON
GNSS-11	4681209,728	2526866,559	75°53'54,32970"W	8°45'24,84363"N	14,173	MOJON
GNSS-12	4680993,998	2526889,247	75°54'01,39029"W	8°45'25,52765"N	14,432	MOJON
GNSS-13	4681734,304	2527632,469	75°53'37,36768"W	8°45'49,89319"N	14,823	MOJON
GNSS-14	4682031,577	2527326,108	75°53'27,56885"W	8°45'40,00047"N	14,661	MOJON
GNSS-15	4681220,682	2525388,755	75°53'53,59927"W	8°44'36,76771"N	16,231	MOJON
GNSS-16	4681216,984	2525731,806	75°53'53,80654"W	8°44'47,92756"N	16,311	MOJON
GNSS-17	4682312,114	2523270,126	75°53'17,37731"W	8°43'28,11268"N	13,337	MOJON
GNSS-18	4682426,234	2523525,794	75°53'13,70957"W	8°43'36,45903"N	13,898	MOJON
GNSS-19	4685545,797	2532241,972	75°51'33,86839"W	8°48'20,81235"N	15,266	MOJON
GNSS-20	4685443,594	2532503,421	75°51'37,27662"W	8°48'29,29312"N	15,141	MOJON
GNSS-21	4683003,136	2527946,498	75°52'55,95162"W	8°46'00,42720"N	15,199	MOJON
GNSS-22	4683428,148	2527938,205	75°52'42,05008"W	8°46'00,26342"N	14,191	MOJON

Tabla No 2 Resultados del cálculo de pos proceso de vértices

5.3 Descripción del sistema GPS

El Sistema GPS es una tecnología aeroespacial, GPS constelación de 24 Satélites en 6 planos orbitales de esta manera proporciona un una cobertura global.

Galileo constelación también con 24 satélites en 6 planos orbitales de esta manera proporciona un una cobertura global.

Glonass esa constelación también está conformada por 24 satélites en 3 planos orbitales.

BeiDou esa constelación tiene 35 satélites incluyendo 3 geoestacionarios y 24 en órbita terrestre media.

Navic constelación de 7 satélites concluyendo 3 geoestacionarios y 4 en órbita terrestre media.

Esta tecnología cuenta con la participación de individuos y corporaciones expertas en comunicaciones. La base del sistema es una constelación de 21 satélites GPS, 3 de repuesto ubicados en 6 planos y además 18 satélites Glonas de la constelación Rusa. Cada satélite le da 2 veces diariamente la vuelta al mundo en una órbita fijada aproximadamente a 10900 millas náuticas. La información que provee es precisa y se transmite en tiempo real.

El sistema GPS es muy exacto por ser extremadamente resistente a las inclemencias del tiempo y a las interferencias de las señales de radio en tierra, gracias a las altas frecuencias de transmisión.

Cada Satélite trasmite dos frecuencias para Posicionamiento denominadas L1 y L2 que son coherentes y moduladas por varias señales a saber: Un código de ruido seudo-aleatorio (PRN) llamado código C/A que tiene una frecuencia de 1.025 Mhz y se repite cada milisegundo, a su vez cada una de las portadores L1 y L2 están moduladas con el código P que es también un (PRN), pero con una frecuencia diez (10) veces mayor que la del código C/A. Adicionalmente las dos frecuencias transmiten un mensaje de satélite que le informa al usuario sobre la salud y posición de cada uno de los satélites (Efemérides).

Midiendo el tiempo que demora en llegar una señal de radio emitida por el satélite al punto donde está el receptor y conociendo la posición exacta de cada satélite en el espacio, podemos determinar la distancia que hay del satélite al receptor aplicando la fórmula d = velocidad de la luz x tiempo; luego, trilaterando con mínimo cuatro (4) satélites, podemos determinar la posición exacta del receptor en X, Y, Z. en Datum WGS 84.

5.4 Vías que comprenden el proyecto 12

Como ya se ha comentado la escogencia de las vías a intervenir se hizo teniendo como criterio principal el mejoramiento de la malla vial lo que generaría mucha más eficiencia en la movilidad.

A continuación presentamos las vías a intervenir en el presente proyecto.

SECTOR COMUNA	BARRIOS	LONGITUD KM	VIAS A INTERVENIR
PAVIMENTACION DE VIAS EN BARRIOS DE LAS COMUNAS 8, 3 Y 10 EN EL MUNICIPIO DE MONTERIA	SAN FRANCISCO	0,906	CALLE 76 ENTRE LA CALLE 77 Y CRA 5B
			CRA 5B ENTRE LAS CALLES 76 Y 77
	MONTEVERDE	0,315	CALLE 52 ENTRE LAS CRAS 16A Y 17
			CRA 17 ENTRE LAS CALLES 50 Y 52
	GARZONES	1,681	CALLE 126A ENTRE LA CALLE 126 Y LA CRA 1D
			CRA 5 ENTRE LAS CALLES 124 Y 126
			CALLE 124 ENTRE LAS CRAS 4A Y 5
			CRA 4A ENTRE LAS CALLES 124 Y 126
			CRA 1D ENTRE LAS CALLES 126 Y 126A
			CRA 1F ENTRE LAS CALLES 126 Y 126A
	COMFACOR	0,996	CALLE 127 ENTRE LAS CRAS 12 Y 14A
			CRA 12 ENTRE LA VIA AGUAS NEGRAS Y LA CALLE 128
			CRA 12A ENTRE LA VIA AGUAS NEGRAS Y LA CALLE 128
			CRA 13 ENTRE LA VIA AGUAS NEGRAS Y LA CALLE 127
			CRA 13A ENTRE LA VIA AGUAS NEGRAS Y LA CALLE 128
			CRA 13B ENTRE LA VIA AGUAS NEGRAS Y LA CALLE 128
	SAN MARTIN	0,660	DIAGONAL 17A ENTRE LAS TRANSVERSALES 1 Y 1B
			DIAGONAL 18 ENTRE LAS TRANSVERSALES 1 Y 1B
			DIAGONAL 20 ENTRE LAS TRANSVERSALES 1 Y 1B

			DIAGONAL 21 ENTRE LAS TRANSVERSALES 1 Y 1A

Tabla No 3

Vías a intervenir proyecto 12

5.5 Metodología de los Levantamientos.

Los levantamientos se realizaron mediante el sistema RTK con protocolo NTRIP.

Básicamente se refiere a conectar una Base armada en un punto conocido, para que transmita correcciones a un Rover a través de internet.

A continuación hacemos una pequeña descripción de que es y cómo funciona el sistema NTRIP.

NTRIP es el acrónimo de *Networked Transport of RTCM vía Internet Protocolo,* que refiere al transporte en red de datos en formato RTCM vía protocolo de Internet. O, en palabras más simples, es el nombre para la **transmisión de datos de navegación satelital a través de Internet.** Básicamente, esto implica que los receptores GNSS no emitirán o recibirán correcciones de posición por medio de una radio interna o externa (UHF, VHF, etc.), sino que por el conocido **protocolo HTTP** de Internet (sí, las mismas letras que tecleas para ingresar a un sitio web).
Este es un gran punto a favor para NTRIP, ya que la comunicación a través de señales de radio puede ser interrumpida fácilmente por obstrucciones propias del terreno (edificios, montañas, vegetación, entre otras) y por redes eléctricas o aparatos electrónicos.

Para que la técnica NTRIP pueda funcionar, se requiere de tres elementos: una estación base, un servidor cáster y el rover del usuario:

- **Estación base:** en NTRIP habitualmente se utilizan estaciones de referencia de operación continua (CORS en inglés), también conocidas como estaciones permanentes o bases activas, las cuales suelen ser receptores GNSS. Igualmente, NTRIP permite que el usuario pueda crear su propia red y disponer de uno de sus receptores GNSS como estación base.
- **Servidor cáster:** es el servidor de Internet que administra el flujo de datos proveniente de las estaciones base, a la vez que controla a los clientes que solicitan ingresar a la red y, en la medida que estén autorizados, les transfiere los datos RTCM de dichas estaciones a uno o múltiples rover en terreno. Un ejemplo es el servidor de uso gratuito Emlid Cáster.
- **Rover del usuario:** finalmente, el o los receptores con los que un usuario o equipo trabajarán en terreno. Para utilizar NTRIP, se debe proporcionar acceso a Internet al rover (y a la estación base si se usará una personal), ya sea con una tarjeta SIM, dispositivo BAM (banda ancha móvil), red Wifi o compartiendo un *hotspot* desde un celular o colectora.

5.6 Trabajo de campo.

Para el correcto control del levantamiento topográfico en campo y luego de la materialización de los puntos georreferenciado se procede a ejecutar en campo los levantamientos topográficos.

Previo conocimiento de las coordenadas de cálculo de los puntos Georreferenciados cada día se colocaba una base en un ponto coordenado, se verificaba la precisión con un punto previamente conocido y luego se procedía a ejecutar la toma de detalles en campo.

Dentro de las actividades fueron levantadas todas las estructuras encontradas, árboles, postes, paramentos, bordes y ejes de vías, salidas de agua, canales, cunetas, vías pavimentadas y accidentes del terreno, estructuras y todo detalle que sea relevante para la ejecución de un excelente diseño.

5.7 Identificación de Puntos Topográficos.

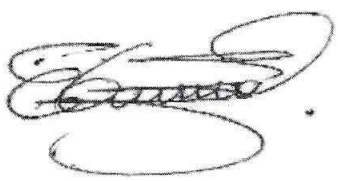
Para una fácil y adecuada identificación de los puntos levantados en campo se ha asignado a cada punto levantado un código que lo identifica dentro de la topografía, además para efecto de mantener claras las diferentes características de cada uno de estos en la parte de dibujo se anexan archivos DXF que crean tres capas diferentes para cada código, una capa con el nombre del código que nos muestra el punto levantado, otra con el nombre del código y la extensión txt que nos muestra el número de identificación del punto dentro de la topografía y otra con el nombre del código y la extensión cotas la cual nos suministra la elevación del punto.

A continuación se anexa la tabla de códigos utilizados en el presente levantamiento.

CODIGO	DESCRIPCION
BVIA	Identifica los bordes laterales de las vías y calles destapadas
EVIA	Identifica los ejes de las vías y calles destapadas
DPREDIO	Identifica donde inicia y termina cada predio.
PARAMENTO	Identifica las líneas de construcción de las viviendas.
DELTA	Identifica los puntos o estaciones de armado de equipos para radiación
MOJON	Identifica los mojones GPS materializados.

APIQUE	Identifica apiques para investigación de redes.
LOTE	Identifica lotes sin construir.
CASA	Identifica casas dispersas.
EPLACAHUELLA	Identifica los ejes de las vías pavimentadas en placa huella.
PLACAHUELLA	Identifica los bordes laterales de las vías pavimentadas en placa huella.
BPAVCON	Identifica los bordes laterales de las vías pavimentadas en concreto rígido.
EPAVCON	Identifica el eje de las vías pavimentadas en concreto rígido.
ANDEN	Identifica los andenes en concreto existentes
P.ALTA	Identifica los postes eléctricos de alta tensión.
P.BAJA	Identifica los postes eléctricos de BAJA tensión.
ARBOL	Identifica los árboles.
RELEC	Identifica las cajas o registros eléctricos en general.
RGAS	Identifica las cajas de válvulas de gas natural.
RTEL	Identifica las cajas de teléfonos.
VALVULA	Identifica las cajas de válvulas de acueducto.
VERJA	Identifica verjas o sardineles salidos del paramento.
ANDEN	Identifica los andenes en concreto.
EPAVASF	Identifica los ejes de las vías pavimentadas en asfalto.
BPAVADOC	Identifica los bordes laterales de las vías pavimentadas en adoquín.
EPAVADOC	Identifica los ejes de las vías pavimentadas en adoquín.
MALLA	Identifica los cerramientos en malla eslabonada.
CERCA	Identifica las cercas en alambre de púas.
BOX	Identifica losa de box volver.
FBOX	Identifica los fondos de los box volver.
HCANAL	Identifica el hombro de canales revestidos.

FCANAL	Identifica el fondo de canales revestidos.
HCUNETA	Identifica el hombro de cunetas o canales en tierra.
FCUNETA	Identifica el fondo de cunetas o canales en tierra.
LOSA	Identifica las losas de concreto.
TELEVADO	Identifica localización de tanques elevado.
PUENTE	Identifica localización de losas y estribos de puentes.
ALCANTARILLA	Identifica localización de losas y estribos de alcantarilla.
FALCANTARILLA	Identifica el Fondo de alcantarilla.
ENROCADO	Identifica localización de enrocado o piedra pegada
SARDINEL	Identifica localización de sardineles.
S.AGUA	Identifica localización de Salidas de Agua.



Enever González Pérez

Topógrafo

Mat Profesional No 01-10640 CPNT.

6.0 ANEXOS

Anexo 1:

CARTERAS DE TOPOGRAFIA

ESTUDIOS Y DISEÑOS PARA LAFORMULACION DE PROYECTOS DE DE INFRAESTRUCTURA VIAL A REALIZAR POR LA SECRETARIA DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA
CARTERAS DE COORDENADAS CALLE 52 Y CARRERA 17

Numero	Este	Norte	Elevacion	Codigo
1	4685230,205	2526970,945	10,422	FBOX
2	4685229,419	2526970,447	11,388	BOX
3	4685229,257	2526972,931	10,830	BOX
4	4685230,334	2526971,890	10,391	FBOX
5	4685228,356	2526972,204	10,543	PATA
6	4685225,627	2526969,579	10,621	TN
7	4685224,165	2526971,569	10,599	TN
8	4685228,250	2526970,422	10,554	PATA
9	4685226,259	2526968,680	10,781	PATA
10	4685233,882	2526975,508	12,301	HCUNETA
11	4685240,300	2526978,209	12,543	HCUNETA
12	4685226,779	2526972,710	10,571	TN
13	4685228,313	2526974,231	11,000	TN
14	4685241,897	2526976,281	12,273	HCANAL

15	4685230,448	2526970,787	11,715	BOX
16	4685230,588	2526971,861	11,673	BOX
17	4685236,228	2526970,431	11,854	BOX
18	4685236,408	2526971,535	11,945	BOX
19	4685191,792	2526983,574	11,595	MH
20	4685198,146	2526983,566	11,094	BPAVCON
21	4685208,819	2526974,214	11,237	BPAVCON
22	4685202,251	2526973,732	11,764	MH
23	4685203,085	2526988,950	11,044	BPAVCON
24	4685206,547	2526993,265	10,846	TN
25	4685206,137	2526992,909	10,689	BPAVCON
26	4685209,448	2526995,436	11,105	TN
27	4685208,038	2526994,555	11,311	TN
28	4685224,110	2526976,926	10,589	TN
29	4685225,217	2526978,017	10,795	TN
30	4685221,154	2526974,201	10,589	BPAVCON
31	4685223,714	2526976,520	10,521	BPAVCON
32	4685218,708	2526985,098	11,262	TN
33	4685214,429	2526980,354	10,641	BPAVCON
34	4685213,574	2526979,578	10,856	BPAVCON
35	4685217,157	2526983,370	10,760	TN
36	4685216,762	2526982,960	10,660	BPAVCON
37	4685215,794	2526967,921	10,994	P.ALTA
38	4685065,566	2526846,949	10,785	BPAVCON
39	4685065,583	2526847,003	10,783	SENDERO
40	4685065,544	2526854,041	10,917	BPAVCON
41	4685061,901	2526850,589	10,799	BPAVCON
42	4685080,258	2526856,438	10,961	SENDERO
43	4685088,505	2526868,613	11,032	SENDERO
44	4685098,242	2526877,637	11,055	SENDERO
45	4685078,102	2526858,832	10,938	SENDERO
46	4685090,799	2526866,007	11,007	SENDERO
47	4685063,246	2526839,352	10,779	BPAVCON
48	4685054,040	2526842,549	10,970	PARAMENTO
49	4685068,418	2526844,124	10,772	BPAVCON
50	4685068,127	2526844,476	10,801	SENDERO
51	4685056,807	2526845,668	10,798	BPAVCON
52	4685051,054	2526861,269	10,861	BPAVCON
53	4685054,826	2526864,628	10,957	BPAVCON
54	4685043,354	2526853,312	11,002	PARAMENTO
55	4685046,223	2526856,183	10,835	BPAVCON

56	4685153,424	2526929,932	11,149	SENDERO
57	4685169,976	2526940,680	11,083	SENDERO
58	4685145,051	2526917,175	11,180	SENDERO
59	4685156,114	2526927,608	11,133	SENDERO
60	4685167,786	2526943,524	11,043	SENDERO
61	4685193,933	2526962,807	10,987	SENDERO
62	4685191,596	2526965,839	11,011	SENDERO
63	4685179,979	2526954,994	11,039	SENDERO
64	4685182,345	2526952,297	11,027	SENDERO
65	4685110,290	2526884,350	11,065	SENDERO
66	4685118,602	2526896,996	11,150	SENDERO
67	4685100,727	2526875,366	11,039	SENDERO
68	4685107,825	2526886,850	11,101	SENDERO
69	4685121,033	2526894,453	11,148	SENDERO
70	4685133,182	2526907,904	11,223	MH
71	4685142,771	2526919,775	11,194	SENDERO
72	4685129,435	2526907,171	11,205	SENDERO
73	4685131,812	2526904,691	11,172	SENDERO
74	4685203,638	2526990,388	10,682	BPAVCON
75	4685140,563	2527053,893	10,715	BPAVCON
76	4685137,801	2527051,697	10,845	BPAVCON
77	4685142,915	2527056,998	10,849	TN
78	4685140,816	2527054,151	10,746	TN
79	4685137,372	2527061,026	11,319	ARBOL
80	4685132,126	2527061,545	10,945	BPAVCON
81	4685129,830	2527058,933	10,966	BPAVCON
82	4685134,669	2527064,189	11,682	TN
83	4685132,258	2527061,720	10,977	TN
84	4685132,210	2527037,963	10,849	BPAVCON
85	4685133,062	2527037,078	11,107	PARAMENTO
86	4685127,679	2527043,391	10,819	BPAVCON
87	4685129,995	2527040,674	10,862	BPAVCON
88	4685124,978	2527030,442	11,073	PARAMENTO
89	4685119,956	2527037,065	10,882	BPAVCON
90	4685114,997	2527043,282	11,293	PARAMENTO
91	4685124,153	2527031,403	10,831	BPAVCON
92	4685122,006	2527034,174	10,914	BPAVCON
93	4685106,801	2527063,295	11,316	BPAVCON
94	4685106,688	2527066,919	11,391	BPAVCON
95	4685123,764	2527063,064	11,250	PARAMENTO
96	4685106,826	2527062,251	11,468	PARAMENTO

97	4685106,518	2527070,168	11,337	BPAVCON
98	4685092,762	2527062,570	11,402	BPAVCON
99	4685092,939	2527061,569	11,683	PARAMENTO
100	4685092,627	2527069,294	11,358	BPAVCON
101	4685092,740	2527066,130	11,472	BPAVCON
102	4685130,216	2527069,789	12,021	TN
103	4685127,016	2527066,632	11,030	TN
104	4685129,020	2527058,244	11,236	PARAMENTO
105	4685123,417	2527069,750	11,119	BPAVCON
106	4685126,841	2527066,456	11,074	BPAVCON
107	4685120,628	2527063,954	11,172	BPAVCON
108	4685124,202	2527064,152	11,094	BPAVCON
109	4685120,231	2527070,474	11,196	BPAVCON
110	4685120,415	2527067,608	11,178	BPAVCON
112	4685184,752	2527013,731	10,626	TN
113	4685184,383	2527013,288	10,636	BPAVCON
114	4685189,041	2527018,726	11,611	TN
115	4685187,729	2527016,958	10,727	TN
116	4685180,501	2527009,248	10,990	PARAMENTO
117	4685171,324	2527025,068	10,704	BPAVCON
118	4685168,966	2527022,688	10,717	BPAVCON
119	4685175,517	2527030,024	11,194	TN
120	4685171,612	2527025,475	10,659	TN
121	4685169,633	2527000,360	11,413	PARAMENTO
122	4685191,518	2527001,763	10,709	BPAVCON
123	4685203,140	2526996,536	11,094	MH
124	4685184,808	2527007,989	10,728	BPAVCON
125	4685189,308	2527003,751	10,710	BPAVCON
126	4685195,394	2527009,783	10,854	TN
127	4685196,778	2527011,034	11,436	TN
128	4685192,066	2527006,759	10,691	TN
129	4685191,553	2527006,267	10,713	BPAVCON
130	4685146,074	2527052,171	10,581	ARBOL
131	4685148,179	2527053,497	10,938	TN
132	4685145,767	2527055,022	10,777	TN
133	4685144,489	2527053,562	10,784	MH
134	4685145,919	2527049,769	10,747	TN
135	4685142,472	2527044,676	11,096	PARAMENTO
137	4685145,558	2527049,175	10,731	BPAVCON
138	4685143,058	2527046,890	10,822	BPAVCON
139	4685158,321	2527038,113	10,781	TN

140	4685157,936	2527037,709	10,812	BPAVCON
141	4685167,595	2527021,223	10,991	PARAMENTO
142	4685162,376	2527042,372	11,286	TN
143	4685155,591	2527035,114	10,772	BPAVCON
144	4685140,402	2527049,328	10,843	BPAVCON
145	4685142,848	2527051,539	10,787	TN
146	4685154,231	2527033,602	11,051	PARAMENTO
147	4685142,602	2527051,229	10,744	BPAVCON
148	4685153,782	2526899,441	11,250	TN
149	4685160,567	2526892,394	12,002	HCANAL
150	4685149,916	2526902,999	11,236	TN
151	4685152,909	2526900,390	11,265	BORDILLO
152	4685158,196	2526894,686	12,462	TN
153	4685146,210	2526893,577	11,427	BORDILLO
154	4685145,776	2526894,055	11,297	P.ALTA
155	4685156,632	2526896,232	12,493	TN
156	4685155,937	2526897,052	12,109	EVIA
157	4685166,565	2526907,822	12,231	EVIA
158	4685164,167	2526910,161	10,991	TN
159	4685171,105	2526903,006	11,950	HCANAL
160	4685168,231	2526906,379	12,345	TN
161	4685163,394	2526910,860	11,369	BORDILLO
162	4685155,555	2526918,833	11,415	TN
163	4685144,995	2526907,616	11,322	TN
164	4685162,889	2526911,433	11,284	TN
165	4685160,359	2526914,161	11,259	TN
166	4685120,649	2526867,628	11,345	BORDILLO
167	4685121,736	2526887,113	11,350	TN
168	4685114,486	2526861,229	11,319	BORDILLO
169	4685119,434	2526868,849	11,358	BORDILLO
170	4685126,323	2526883,382	11,251	TN
171	4685131,278	2526878,410	11,397	BORDILLO
172	4685131,404	2526878,319	11,261	TN
173	4685129,617	2526879,979	11,246	TN
174	4685129,889	2526879,774	11,431	BORDILLO
175	4685139,702	2526889,387	11,237	BORDILLO
176	4685141,052	2526888,232	11,377	BORDILLO
177	4685133,056	2526896,700	11,339	TN
178	4685137,723	2526891,824	11,207	TN
179	4685142,194	2526887,038	11,399	TN
180	4685143,892	2526884,509	12,450	EVIA

Secretaria de infraestructura del Municipio de Montería

Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

181	4685112,955	2526862,254	11,333	BORDILLO
182	4685148,048	2526880,552	12,237	HCANAL
183	4685145,271	2526883,114	12,721	TN
184	4685181,832	2526914,103	12,081	HCANAL
185	4685211,269	2526964,746	11,109	TN
186	4685206,819	2526969,017	11,121	TN
187	4685219,001	2526960,480	12,097	EVIA
188	4685215,269	2526962,261	10,967	TN
189	4685191,909	2526953,586	11,228	TN
190	4685204,372	2526942,790	13,290	TN
191	4685202,548	2526944,099	12,922	EVIA
192	4685195,961	2526949,692	11,258	TN
193	4685206,636	2526940,826	12,906	HCANAL
194	4685142,954	2527045,655	11,096	REFERENCIA
195	4685181,442	2527010,842	10,945	REFERENCIA
196	4685088,301	2526853,175	11,250	TN
197	4685099,087	2526864,696	11,246	TN
198	4685233,244	2526976,487	12,260	EVIA
199	4685224,046	2526954,778	12,225	HCANAL
200	4685220,014	2526958,924	12,697	TN
201	4685230,419	2526966,132	12,494	TN
202	4685232,403	2526964,306	12,784	HCANAL
203	4685165,830	2526928,983	11,469	TN
204	4685171,375	2526924,105	11,340	TN
205	4685181,446	2526938,163	11,430	TN
206	4685178,070	2526941,250	11,455	TN
207	4685172,726	2526922,911	11,351	BORDILLO
208	4685177,183	2526918,605	12,191	EVIA
209	4685179,797	2526916,051	12,404	TN
210	4685174,063	2526921,787	11,365	BORDILLO
211	4685174,616	2526921,296	11,053	TN
212	4685194,181	2526928,038	12,570	HCANAL
213	4685191,678	2526929,537	12,912	TN
214	4685199,588	2526946,821	11,077	TN
215	4685199,018	2526947,299	11,243	BORDILLO
216	4685189,582	2526930,803	13,024	EVIA
217	4685184,659	2526934,848	11,312	BORDILLO
218	4685184,176	2526935,313	11,244	TN
219	4685186,394	2526933,137	11,190	TN
220	4685185,716	2526933,694	11,293	BORDILLO
221	4685132,055	2526877,770	11,345	TN

222	4685077,924	2526823,525	11,440	BPAVCON
223	4685076,972	2526821,351	11,322	BPAVCON
224	4685072,473	2526830,182	10,729	BPAVCON
225	4685077,195	2526825,382	11,257	BPAVCON
226	4685068,739	2526812,963	10,687	BPAVCON
227	4685084,104	2526817,244	12,230	BPAVCON
228	4685085,464	2526816,854	12,445	PUENTE
229	4685074,077	2526808,445	10,638	BPAVCON
230	4685082,035	2526816,441	11,882	BPAVCON
231	4685113,403	2526849,661	12,614	TN
232	4685111,345	2526851,963	12,355	EVIA
233	4685108,519	2526854,453	11,269	TN
234	4685115,280	2526847,996	12,591	HCANAL
235	4685064,813	2526814,849	10,933	PARAMENTO
236	4685066,709	2526829,461	11,504	PARAMENTO
237	4685073,562	2526829,086	10,857	PUENTE
238	4685073,740	2526824,018	10,871	PARAMENTO
239	4685067,577	2526830,329	11,455	PARAMENTO
240	4685097,009	2526831,119	12,215	HCANAL
241	4685094,560	2526832,567	12,147	HCUNETA
242	4685101,707	2526839,862	12,463	HCUNETA
243	4685104,841	2526835,701	12,394	HCANAL
244	4685094,145	2526823,396	12,462	PUENTE
245	4685078,537	2526834,161	10,738	PUENTE
246	4685077,579	2526835,087	10,733	BPAVCON
247	4685093,903	2526820,659	12,805	PUENTE
248	4685092,983	2526819,714	12,779	PUENTE
249	4685085,949	2526813,782	12,650	PUENTE
250	4685095,064	2526803,468	12,448	PUENTE
251	4685088,046	2526814,653	12,837	PUENTE
252	4685087,369	2526813,947	12,844	PUENTE
253	4685095,486	2526805,589	12,795	PUENTE
254	4685102,309	2526812,441	12,820	PUENTE
255	4685101,382	2526811,591	12,828	PUENTE
256	4685096,342	2526806,511	12,845	PUENTE
257	4685104,464	2526813,082	12,500	PUENTE
258	4685104,866	2526857,983	11,195	TN
259	4685077,934	2526840,822	11,216	TN
260	4685080,161	2526837,518	11,087	TN
261	4685110,626	2526876,639	11,358	TN
262	4685076,415	2526842,765	11,152	TN

Secretaria de infraestructura del Municipio de Montería

Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

263	4685077,566	2526835,323	10,938	HCUNETA
264	4685078,774	2526834,284	10,961	HCUNETA
265	4685079,681	2526833,837	10,840	HCUNETA
266	4685078,224	2526834,980	10,694	FCUNETA
267	4685078,530	2526834,521	10,668	FCUNETA
268	4685134,415	2526875,344	12,657	EVIA
269	4685127,549	2526861,217	12,526	HCANAL
270	4685138,110	2526871,687	12,370	HCANAL
271	4685136,232	2526873,408	12,629	TN
272	4685126,151	2526862,337	12,608	TN
273	4685117,874	2526869,462	11,216	TN
274	4685114,373	2526872,921	11,323	TN
275	4685123,572	2526864,443	12,807	EVIA
276	4685120,383	2526866,973	11,219	TN
277	4685093,903	2526834,179	11,630	EVIA
278	4685092,664	2526834,917	11,150	TN
279	4685088,144	2526830,383	10,519	FCUNETA
280	4685088,751	2526832,018	10,801	HCUNETA
281	4685089,866	2526837,913	11,204	TN
282	4685093,553	2526847,247	11,238	TN
283	4685098,119	2526842,878	11,367	TN
284	4685084,919	2526841,867	11,064	TN
285	4685080,315	2526844,504	11,104	TN
286	4685081,288	2526835,693	11,079	HCUNETA
287	4685084,980	2526833,097	10,944	HCUNETA
288	4685080,517	2526834,501	10,726	FCUNETA
289	4685080,727	2526834,982	10,724	FCUNETA
290	4685084,522	2526831,940	10,572	FCUNETA
291	4685087,135	2526827,896	11,211	HCUNETA
292	4685087,842	2526829,460	10,479	FCUNETA
293	4685084,042	2526831,113	10,531	FCUNETA
294	4685083,625	2526830,133	10,938	HCUNETA

ESTUDIOS Y DISEÑOS PARA LAFORMULACION DE PROYECTOS DE DE INFRAESTRUCTURA VIAL A REALIZAR POR LA SECRETARIA DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA
CARTERA DE COORDENDAS CALLES BARRIO SAN FRANCISCO

Numero	Este	Norte	Elevacion	Codigo

Secretaria de infraestructura del Municipio de Montería

Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

1	4684743,174	2526985,943	26,208	VERIFICACION
2	4686532,822	2531724,603	14,515	VERIFICACION
4	4685477,934	2529950,031	12,272	LOSA ACUEDUCTO
5	4685480,252	2529948,855	12,272	LOSA ACUEDUCTO
6	4685478,016	2529944,488	12,273	LOSA ACUEDUCTO
7	4685475,649	2529945,712	12,251	LOSA ACUEDUCTO
8	4685476,506	2529945,945	12,229	VALVULA
9	4685478,273	2529949,269	12,277	VALVULA
10	4685478,612	2529946,927	12,263	VALVULA
11	4685477,926	2529945,537	12,267	VALVULA
12	4685481,458	2529941,378	12,517	PALTA
13	4685480,533	2529939,336	12,701	HIDRANTE
14	4685464,685	2529948,248	12,270	ANDEN
15	4685465,086	2529947,173	12,286	ANDEN
16	4685464,358	2529947,024	12,336	PALTA
17	4685459,492	2529946,986	12,375	PARAMENTO
18	4685446,117	2529916,653	12,331	PARAMENTO
19	4685449,894	2529914,829	12,246	ANDEN
20	4685450,225	2529914,646	12,294	BVIA
21	4685455,119	2529912,325	12,314	EVIA
22	4685461,844	2529908,557	12,258	BVIA
23	4685462,621	2529908,076	12,428	HCANAL
24	4685465,798	2529906,416	10,721	FCANAL
25	4685452,625	2529893,214	12,294	HCANAL
26	4685454,614	2529891,982	10,749	FCANAL
27	4685468,367	2529915,723	12,439	BVIA
28	4685461,976	2529919,225	12,374	EVIA
29	4685454,251	2529922,493	12,324	BVIA
30	4685453,533	2529922,813	12,298	ANDEN
31	4685468,572	2529915,439	12,464	BPAVCON
32	4685472,157	2529920,768	12,441	BPAVCON
33	4685471,658	2529921,109	12,407	BVIA
34	4685465,284	2529924,877	12,328	EVIA
35	4685456,634	2529927,966	12,338	BVIA
36	4685456,142	2529928,223	12,292	ANDEN
37	4685473,793	2529923,530	12,464	BPAVCON
38	4685477,790	2529930,654	12,486	BPAVCON
39	4685479,498	2529929,823	12,381	BPAVCON
40	4685477,285	2529930,888	12,363	BVIA
41	4685470,254	2529934,309	12,312	EVIA
42	4685461,492	2529937,772	12,355	BVIA

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43	4685460,811	2529938,094	12,277	ANDEN
44	4685479,836	2529930,408	12,371	BOX
45	4685485,560	2529927,345	12,719	BOX
46	4685485,406	2529927,012	12,721	BPAVCON
47	4685490,799	2529924,507	13,137	BPAVCON
48	4685491,394	2529924,148	13,201	BASFALTO
49	4685495,670	2529934,981	13,155	HCANAL
50	4685491,924	2529937,126	10,734	FCANAL
51	4685502,073	2529947,240	12,988	HCANAL
52	4685498,447	2529949,533	10,468	FCANAL
53	4685504,237	2529946,316	13,210	BASFALTO
54	4685490,509	2529927,346	13,060	HCANAL
55	4685481,665	2529907,951	13,131	BASFALTO
56	4685481,266	2529908,204	13,126	BPAVCON
57	4685478,192	2529909,647	12,904	BPAVCON
58	4685475,662	2529911,085	12,721	BOX
59	4685470,063	2529914,527	12,439	BOX
60	4685466,060	2529912,430	12,496	HCANAL
61	4685468,301	2529910,495	10,744	FCANAL
62	4685467,901	2529910,699	11,302	BOX
63	4685468,301	2529911,302	11,725	SAGUA
64	4685476,948	2529904,752	12,948	HCANAL
65	4685473,263	2529907,344	10,698	FCANAL
66	4685473,621	2529907,030	11,263	BOX
67	4685469,611	2529901,121	10,783	FCANAL
68	4685473,316	2529898,065	13,111	HCANAL
69	4685465,732	2529885,175	13,084	HCANAL
70	4685460,854	2529887,813	10,673	FCANAL
71	4685467,530	2529884,049	13,160	BASFALTO
72	4685481,263	2529934,784	11,271	BOX
73	4685481,703	2529934,321	10,556	FCANAL
74	4685479,304	2529935,809	12,344	HCANAL
75	4685480,790	2529930,322	10,728	FBOX
76	4685485,073	2529928,138	10,714	FBOX
77	4685474,826	2529911,224	10,820	FBOX
78	4685471,038	2529913,651	10,725	FBOX
79	4685477,225	2529935,924	12,253	BVIA
80	4685470,903	2529939,840	12,224	EVIA
81	4685463,919	2529943,671	12,249	BVIA
82	4685463,495	2529943,845	12,302	ANDEN
83	4685466,059	2529948,059	12,245	BVIA

84	4685468,118	2529950,661	12,201	EVIA
85	4685470,278	2529954,183	12,076	BVIA
86	4685470,324	2529955,229	12,111	ANDEN
87	4685475,371	2529951,653	12,101	EVIA
88	4685481,583	2529948,263	12,050	BVIA
89	4685479,195	2529941,197	12,128	BVIA
90	4685473,474	2529944,763	12,220	EVIA
91	4685474,971	2529947,834	12,143	EVIA
92	4685468,405	2529961,730	12,376	PARAMENTO
93	4685472,687	2529959,931	12,104	RDAS
94	4685475,266	2529963,330	12,111	ANDEN
95	4685475,793	2529963,050	12,075	BVIA
96	4685479,866	2529960,614	12,076	EVIA
97	4685485,806	2529957,057	11,966	BVIA
98	4685490,143	2529954,378	11,995	HCANAL
99	4685492,172	2529953,193	10,505	FCANAL
100	4685484,496	2529944,142	12,453	HCANAL
101	4685486,470	2529943,199	10,789	FCANAL
102	4685489,895	2529961,252	12,146	PBAJA
103	4685496,848	2529964,984	12,244	PALTA
104	4685500,175	2529966,941	10,525	FCANAL
105	4685497,935	2529968,388	12,325	HCANAL
106	4685491,418	2529966,291	11,921	BVIA
107	4685486,281	2529969,401	12,075	EVIA
108	4685481,179	2529972,180	12,115	BVIA
109	4685480,580	2529972,456	12,163	ANDEN
110	4685483,718	2529978,702	12,127	RDAP
111	4685485,654	2529979,981	12,192	PBAJA
112	4685484,863	2529979,885	12,125	ANDEN
113	4685480,624	2529981,835	12,606	PARAMENTO
114	4685482,307	2529981,197	12,296	PARAMENTO
115	4685485,582	2529979,589	12,083	BVIA
116	4685489,113	2529977,392	12,042	EVIA
117	4685494,716	2529973,970	11,994	BVIA
118	4685499,143	2529971,691	12,424	HCANAL
119	4685502,166	2529970,178	10,599	FCANAL
120	4685502,061	2529980,005	12,245	ARBOL
121	4685501,319	2529983,582	12,104	BVIA
122	4685496,247	2529986,228	12,032	EVIA
123	4685491,351	2529988,448	12,019	BVIA
124	4685490,944	2529988,621	12,047	ANDEN

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125	4685504,937	2529981,694	12,516	HCANAL
126	4685508,213	2529980,286	10,390	FCANAL
127	4685494,319	2529996,997	11,793	SAGUA
128	4685493,909	2529997,775	12,111	RDAP
129	4685493,320	2529998,363	12,123	PBAJA
130	4685491,213	2529999,305	12,214	PARAMENTO
131	4685494,966	2529997,341	12,019	ANDEN
132	4685496,274	2529997,269	12,095	ANDEN
133	4685497,118	2529999,558	12,133	RDAS
134	4685496,859	2529997,821	12,108	BVIA
135	4685500,548	2529995,514	12,022	EVIA
136	4685505,360	2529992,553	11,979	BVIA
137	4685509,597	2529990,193	12,332	HCANAL
138	4685513,202	2529988,223	10,524	FCANAL
139	4685501,172	2530007,183	12,081	ANDEN
140	4685501,588	2530006,920	12,083	BVIA
141	4685505,996	2530004,783	12,080	EVIA
142	4685511,044	2530001,697	12,117	BVIA
143	4685514,035	2530002,733	12,111	PBAJA
144	4685516,268	2529999,475	12,520	HCANAL
145	4685518,924	2529997,866	10,479	FCANAL
146	4685519,418	2530003,829	12,360	PALTA
147	4685500,075	2530018,459	12,244	PARAMENTO
148	4685485,331	2530025,501	12,122	PARAMENTO
149	4685486,570	2530028,733	12,273	ANDEN
150	4685486,934	2530029,908	12,009	BPAVCON
151	4685489,744	2530036,369	12,014	BPAVCON
152	4685490,279	2530037,477	12,233	ANDEN
153	4685505,942	2530030,006	12,186	ANDEN
154	4685505,384	2530028,863	11,953	BPAVCON
155	4685502,420	2530022,521	11,981	BPAVCON
156	4685501,714	2530021,541	12,215	ANDEN
157	4685507,343	2530019,202	12,140	ANDEN
158	4685506,412	2530017,203	12,176	ANDEN
159	4685506,007	2530017,373	12,026	ANDEN
160	4685507,942	2530016,532	11,974	BPAVCON
161	4685508,898	2530018,612	11,963	BPAVCON
162	4685508,711	2530019,603	11,962	BPAVCON
163	4685507,951	2530020,369	11,961	BPAVCON
164	4685514,383	2530013,981	11,983	BPAVCON
165	4685515,873	2530013,332	12,189	ANDEN

166	4685516,797	2530015,399	12,115	ANDEN
167	4685515,267	2530016,129	11,923	BPAVCON
168	4685515,667	2530016,677	11,919	BPAVCON
169	4685516,505	2530016,859	11,926	BPAVCON
170	4685518,695	2530016,011	11,936	BPAVCON
171	4685521,609	2530022,378	11,901	BPAVCON
172	4685522,156	2530023,478	12,093	ANDEN
173	4685530,769	2530019,958	12,763	BOX
174	4685530,176	2530018,816	12,532	BOX
175	4685526,706	2530012,693	12,451	BOX
176	4685525,996	2530011,763	12,765	BOX
177	4685532,796	2530007,937	12,887	BOX
178	4685539,604	2530006,120	13,305	BASFALTO
179	4685543,172	2530012,173	13,355	BASFALTO
180	4685531,507	2529992,562	13,320	BASFALTO
181	4685529,583	2529993,546	13,056	HCANAL
182	4685525,421	2529995,800	10,394	FCANAL
183	4685514,854	2530020,224	11,965	MH
184	4685462,430	2529958,960	12,414	ANDEN
185	4685459,994	2529960,121	12,415	ANDEN
186	4685459,900	2529959,943	12,333	BVIA
187	4685458,064	2529956,392	12,254	EVIA
188	4685456,196	2529952,565	12,219	BVIA
189	4685456,032	2529952,288	12,310	ANDEN
190	4685444,976	2529957,679	12,332	ANDEN
191	4685445,177	2529957,926	12,246	BVIA
192	4685446,355	2529961,163	12,285	EVIA
193	4685448,078	2529965,442	12,442	BVIA
194	4685448,263	2529965,871	12,463	ANDEN
195	4685450,455	2529970,593	12,506	PARAMENTO
196	4685437,188	2529957,649	12,456	PARAMENTO
197	4685436,728	2529956,637	12,532	PARAMENTO
198	4685433,525	2529963,011	12,440	ANDEN
199	4685433,691	2529963,478	12,413	BVIA
200	4685435,034	2529966,618	12,544	EVIA
201	4685436,787	2529970,161	12,508	BVIA
202	4685437,318	2529970,902	12,488	ANDEN
203	4685429,618	2529963,663	12,463	PALTA
204	4685433,603	2529973,019	12,460	ANDEN
205	4685434,015	2529973,809	12,620	ANDEN
206	4685423,907	2529983,056	12,962	PARAMENTO

207	4685421,691	2529978,521	12,579	PARAMENTO
208	4685422,418	2529979,336	12,580	ANDEN
209	4685421,344	2529977,566	12,538	BVIA
210	4685419,454	2529974,119	12,535	EVIA
211	4685417,921	2529970,872	12,560	BVIA
212	4685417,799	2529970,497	12,647	ANDEN
213	4685415,981	2529966,359	12,740	PARAMENTO
214	4685404,251	2529976,894	12,791	ANDEN
215	4685403,557	2529976,029	12,638	PALTA
216	4685404,353	2529977,119	12,522	BVIA
217	4685405,786	2529980,538	12,553	EVIA
218	4685407,289	2529984,171	12,486	BVIA
219	4685407,782	2529985,182	12,490	PARAMENTO
220	4685409,394	2529984,090	12,668	RGAS
221	4685396,514	2529990,047	12,656	RGAS
222	4685393,926	2529991,770	12,598	PARAMENTO
223	4685393,545	2529990,997	12,504	BVIA
224	4685391,759	2529987,710	12,502	EVIA
225	4685390,061	2529984,082	12,387	BVIA
226	4685390,474	2529983,366	12,578	ANDEN
227	4685390,570	2529983,341	12,378	SAGUA
228	4685388,454	2529979,119	12,642	PARAMENTO
229	4685376,204	2529989,059	12,470	PALTA
230	4685377,026	2529989,942	12,431	BVIA
231	4685378,385	2529993,304	12,591	EVIA
232	4685379,912	2529996,838	12,558	BVIA
233	4685380,038	2529997,127	12,598	ANDEN
234	4685380,387	2529997,871	12,562	ANDEN
235	4685380,401	2529997,944	12,590	SARDINEL
236	4685381,957	2530001,080	12,748	PARAMENTO
237	4685396,134	2529996,475	12,149	PARAMENTO
238	4685385,119	2530007,924	12,621	PARAMENTO
239	4685377,148	2529998,999	12,544	RDAS
240	4685375,669	2529999,617	12,549	RDAP
241	4685373,250	2530000,901	12,543	RDAS
242	4685371,107	2530001,792	12,579	RDAS
243	4685367,945	2530003,197	12,598	RDAP
244	4685366,622	2530003,328	12,426	SAGUA
245	4685366,389	2530003,473	12,575	ANDEN
246	4685366,764	2530004,254	12,575	ANDEN
247	4685366,786	2530004,355	12,583	SARDINEL

248	4685368,294	2530007,598	12,515	PARAMENTO
249	4685371,490	2530014,339	12,500	PARAMENTO
250	4685366,142	2530003,478	12,497	BVIA
251	4685364,422	2529999,778	12,525	EVIA
252	4685362,926	2529996,551	12,369	BVIA
253	4685361,249	2529991,891	12,553	PARAMENTO
254	4685348,894	2530001,960	12,349	PBAJA
255	4685349,320	2530003,025	12,335	BVIA
256	4685350,538	2530006,315	12,485	EVIA
257	4685351,718	2530009,185	12,483	BVIA
258	4685336,281	2530009,713	12,521	RDAP
259	4685336,596	2530009,978	12,479	ANDEN
260	4685336,250	2530009,051	12,546	ANDEN
261	4685334,189	2530004,702	12,612	PARAMENTO
262	4685334,653	2530005,753	12,616	PARAMENTO
263	4685336,715	2530010,093	12,474	BVIA
264	4685337,861	2530012,476	12,516	EVIA
265	4685339,098	2530015,878	12,367	BVIA
266	4685323,202	2530016,362	12,532	ANDEN
267	4685322,832	2530015,505	12,540	ANDEN
268	4685321,992	2530014,814	12,548	PALTA
269	4685321,204	2530012,253	12,623	PARAMENTO
270	4685323,369	2530016,912	12,479	BVIA
271	4685324,284	2530019,848	12,592	EVIA
272	4685325,691	2530023,005	12,510	BVIA
273	4685326,733	2530022,830	12,694	ANDEN
274	4685327,084	2530023,593	12,672	SARDINEL
275	4685328,391	2530026,371	12,543	PARAMENTO
276	4685331,285	2530032,723	12,676	PARAMENTO
277	4685314,734	2530028,683	12,656	ANDEN
278	4685314,573	2530028,451	12,574	BVIA
279	4685312,976	2530025,080	12,626	EVIA
280	4685311,644	2530022,122	12,617	BVIA
281	4685312,416	2530033,860	12,662	PARAMENTO
282	4685311,312	2530031,400	12,648	SARDINEL
283	4685310,896	2530030,577	12,622	ANDEN
284	4685307,893	2530032,005	12,610	ANDEN
285	4685309,237	2530032,320	12,695	ANDEN
286	4685319,176	2530048,508	12,889	PARAMENTO
287	4685317,435	2530049,096	12,683	ANDEN
288	4685316,662	2530049,498	12,671	ANDEN

289	4685316,195	2530049,715	12,638	BVIA
290	4685312,678	2530051,254	12,658	EVIA
291	4685309,083	2530052,804	12,602	BVIA
292	4685307,769	2530053,260	12,795	PARAMENTO
293	4685304,655	2530044,326	12,583	BVIA
294	4685308,273	2530042,263	12,591	EVIA
295	4685311,629	2530040,426	12,643	BVIA
296	4685307,138	2530031,868	12,674	BVIA
297	4685305,734	2530028,794	12,709	EVIA
298	4685304,339	2530025,752	12,646	BVIA
299	4685300,934	2530027,445	12,639	EVIA
300	4685297,645	2530028,983	12,590	BVIA
301	4685298,667	2530031,780	12,705	EVIA
302	4685300,178	2530034,712	12,647	BVIA
303	4685299,899	2530037,159	12,700	CERCA
304	4685296,834	2530027,838	12,680	ANDEN
305	4685296,865	2530028,557	12,633	ANDEN
306	4685296,370	2530029,083	12,684	ANDEN
307	4685295,845	2530028,218	12,686	ANDEN
308	4685294,390	2530028,074	12,696	PALTA
309	4685293,844	2530028,794	12,713	RDAS
310	4685291,240	2530026,445	12,728	PARAMENTO
311	4685281,246	2530005,271	12,806	PARAMENTO
312	4685284,221	2530003,966	12,728	ANDEN
313	4685285,196	2530003,636	12,699	ANDEN
314	4685285,476	2530003,509	12,706	BVIA
315	4685288,700	2530002,037	12,642	EVIA
316	4685292,690	2530000,365	12,710	BVIA
317	4685293,149	2530000,118	12,671	ANDEN
318	4685295,821	2529998,983	12,877	PARAMENTO
319	4685298,979	2530012,401	12,753	ANDEN
320	4685301,521	2530011,063	13,101	PARAMENTO
321	4685298,549	2530012,472	12,704	BVIA
322	4685294,840	2530013,994	12,751	EVIA
323	4685291,299	2530015,604	12,658	BVIA
324	4685291,062	2530015,731	12,672	ANDEN
325	4685290,114	2530016,209	12,697	ANDEN
326	4685305,553	2530019,961	13,033	PARAMENTO
327	4685310,770	2530031,020	12,623	RDAP
328	4685314,493	2530028,795	12,522	SAGUA
329	4685302,679	2530029,836	12,722	EVIA

330	4685283,093	2530045,433	12,901	CERCA
331	4685282,924	2530045,438	12,897	SARDINEL
332	4685284,349	2530048,312	13,360	PARAMENTO
333	4685282,626	2530044,525	12,880	ANDEN
334	4685282,356	2530044,109	12,798	BVIA
335	4685280,834	2530040,777	12,805	EVIA
336	4685279,336	2530037,600	12,678	BVIA
337	4685278,863	2530037,323	12,726	ANDEN
338	4685278,426	2530036,408	12,760	ANDEN
339	4685278,667	2530037,422	12,634	HCUNETA
340	4685278,826	2530037,714	12,635	HCUNETA
341	4685278,796	2530037,676	12,428	FCUNETA
342	4685278,668	2530037,521	12,433	FCUNETA
343	4685294,818	2530029,809	12,533	HCUNETA
344	4685294,982	2530030,082	12,584	HCUNETA
345	4685294,889	2530029,864	12,324	FCUNETA
346	4685294,963	2530030,001	12,324	FCUNETA
347	4685258,185	2530047,715	12,868	HCUNETA
348	4685258,005	2530047,400	12,688	HCUNETA
349	4685258,042	2530047,453	12,504	FCUNETA
350	4685258,131	2530047,577	12,503	FCUNETA
351	4685257,861	2530046,568	12,696	RDAP
352	4685257,312	2530046,672	12,927	RDAP
353	4685264,604	2530044,229	12,708	HCUNETA
354	4685264,685	2530044,445	12,776	HCUNETA
355	4685264,666	2530044,386	12,507	FCUNETA
356	4685264,599	2530044,288	12,511	FCUNETA
357	4685264,236	2530042,226	12,857	PALTA
358	4685263,143	2530040,119	12,868	PARAMENTO
359	4685262,655	2530039,127	12,928	PARAMENTO
360	4685264,333	2530042,730	12,961	SARDINEL
361	4685264,798	2530043,746	12,714	ANDEN
362	4685265,064	2530044,460	12,701	BVIA
363	4685266,651	2530047,690	12,840	EVIA
364	4685268,242	2530050,739	12,903	BVIA
365	4685268,492	2530051,158	13,050	ANDEN
366	4685268,869	2530052,008	13,155	SARDINEL
367	4685269,380	2530051,505	12,947	RDAP
368	4685261,937	2530054,207	12,731	SAGUA
369	4685261,915	2530054,193	12,864	SAGUA
370	4685261,498	2530053,994	12,971	HCUNETA

371	4685261,670	2530054,351	12,968	HCUNETA
372	4685261,678	2530054,272	12,695	FCUNETA
373	4685261,595	2530054,043	12,724	FCUNETA
374	4685263,236	2530054,151	13,121	RDAP
375	4685261,502	2530054,929	13,162	RDAP
376	4685282,340	2530044,187	12,817	HCUNETA
377	4685282,491	2530044,515	12,822	HCUNETA
378	4685282,448	2530044,451	12,546	FCUNETA
379	4685282,373	2530044,307	12,515	FCUNETA
380	4685272,140	2530049,382	12,869	HCUNETA
381	4685272,024	2530049,044	12,823	HCUNETA
382	4685272,035	2530049,129	12,565	FCUNETA
383	4685272,076	2530049,342	12,551	FCUNETA
384	4685254,174	2530048,753	12,959	ANDEN
385	4685253,863	2530047,873	13,037	SARDINEL
386	4685252,005	2530044,173	13,179	PARAMENTO
387	4685254,529	2530049,455	12,873	BVIA
388	4685256,041	2530052,763	13,019	EVIA
389	4685257,241	2530055,908	12,988	BVIA
390	4685257,431	2530056,377	13,024	ANDEN
391	4685257,883	2530057,058	13,111	SARDINEL
392	4685254,047	2530057,972	12,900	SAGUA
393	4685253,861	2530058,053	12,929	SAGUA
394	4685250,910	2530050,397	12,759	SAGUA
395	4685250,918	2530050,830	12,870	HCUNETA
396	4685250,702	2530050,421	12,836	HCUNETA
397	4685250,778	2530050,525	12,567	FCUNETA
398	4685250,818	2530050,670	12,570	FCUNETA
399	4685254,659	2530062,003	13,406	PARAMENTO
400	4685253,272	2530059,159	13,187	SARDINEL
401	4685252,918	2530058,444	13,125	ANDEN
402	4685246,944	2530061,310	13,015	SAGUA
403	4685246,846	2530061,354	13,046	SAGUA
404	4685246,752	2530061,443	13,025	SAGUA
405	4685247,506	2530061,534	13,226	RDAS
406	4685244,191	2530052,754	12,989	RDAP
407	4685242,813	2530053,294	13,008	RDAP
408	4685241,415	2530048,900	13,417	PARAMENTO
409	4685243,171	2530052,930	13,018	SARDINEL
410	4685242,882	2530054,148	12,985	ANDEN
411	4685243,127	2530054,684	12,901	BVIA

412	4685244,535	2530057,983	13,070	EVIA
413	4685246,092	2530061,482	13,082	BVIA
414	4685246,123	2530061,728	13,081	ANDEN
415	4685240,633	2530064,416	13,078	ANDEN
416	4685240,942	2530065,019	13,110	SARDINEL
417	4685241,420	2530067,115	13,174	PARAMENTO
418	4685232,041	2530058,220	13,060	SARDINEL
419	4685230,148	2530054,203	13,147	PARAMENTO
420	4685232,386	2530059,070	13,002	ANDEN
421	4685232,468	2530059,045	12,917	HCUNETA
422	4685232,560	2530059,362	12,935	HCUNETA
423	4685232,514	2530059,289	12,640	FCUNETA
424	4685232,459	2530059,194	12,643	FCUNETA
425	4685232,593	2530059,582	12,956	BVIA
426	4685234,265	2530062,599	13,031	EVIA
427	4685235,744	2530065,965	12,977	BVIA
428	4685237,148	2530069,097	13,030	PARAMENTO
429	4685229,705	2530072,249	13,310	RDAP
430	4685225,797	2530070,993	13,015	BVIA
431	4685224,170	2530067,599	13,067	EVIA
432	4685222,495	2530064,228	12,964	BVIA
433	4685222,437	2530064,090	13,008	HCUNETA
434	4685222,256	2530063,820	12,995	HCUNETA
435	4685222,325	2530063,846	12,711	FCUNETA
436	4685222,369	2530064,029	12,721	FCUNETA
437	4685222,581	2530063,671	12,902	ANDEN
438	4685221,895	2530062,726	13,061	ANDEN
439	4685223,787	2530075,939	12,980	PARAMENTO
440	4685228,911	2530087,443	12,959	PARAMENTO
441	4685228,066	2530087,830	13,000	BVIA
442	4685224,862	2530089,328	13,045	EVIA
443	4685221,359	2530091,037	13,059	BVIA
444	4685221,218	2530091,118	13,318	ANDEN
445	4685219,358	2530092,478	13,377	PARQUE
446	4685225,678	2530105,745	13,386	PARQUE
447	4685227,748	2530104,912	13,369	ANDEN
448	4685227,977	2530104,825	13,110	BVIA
449	4685231,370	2530103,512	13,121	EVIA
450	4685234,559	2530102,009	13,098	BVIA
451	4685235,639	2530101,569	13,103	PARAMENTO
452	4685221,229	2530073,386	12,960	BVIA

453	4685219,589	2530069,762	13,075	EVIA
454	4685218,114	2530066,391	13,019	BVIA
455	4685217,866	2530065,850	13,033	ANDEN
456	4685208,184	2530069,235	13,001	ANDEN
457	4685208,729	2530070,311	13,016	ANDEN
458	4685208,900	2530070,217	12,992	HCUNETA
459	4685209,025	2530070,507	12,979	HCUNETA
460	4685209,010	2530070,382	12,773	FCUNETA
461	4685208,954	2530070,226	12,778	FCUNETA
462	4685206,478	2530065,305	13,029	PARAMENTO
463	4685208,065	2530068,866	12,995	PALTA
464	4685211,133	2530069,688	13,008	BVIA
465	4685212,594	2530072,606	13,070	EVIA
466	4685214,200	2530075,953	13,039	BVIA
467	4685217,605	2530074,511	13,053	EVIA
468	4685215,831	2530070,974	13,078	EVIA
469	4685215,451	2530079,327	13,316	ANDEN
470	4685213,501	2530077,745	13,279	ANDEN
471	4685210,867	2530077,720	13,306	ANDEN
472	4685211,379	2530079,865	13,359	PARQUE
473	4685212,846	2530079,823	13,400	PARQUE
474	4685213,732	2530080,636	13,336	PARQUE
475	4685202,624	2530081,617	13,115	SAGUA
476	4685199,248	2530085,495	13,375	PARQUE
477	4685198,435	2530083,532	13,306	ANDEN
478	4685198,331	2530083,226	13,035	BVIA
479	4685196,666	2530080,344	13,103	EVIA
480	4685195,099	2530077,481	13,052	BVIA
481	4685194,822	2530076,994	13,165	ANDEN
482	4685193,998	2530077,244	13,190	RDAS
483	4685192,483	2530072,069	12,989	PARAMENTO
484	4685194,359	2530076,176	13,216	SARDINEL
485	4685181,861	2530082,405	13,078	RDAP
486	4685181,355	2530083,454	12,922	SAGUA
487	4685183,524	2530082,357	13,090	ANDEN
488	4685183,610	2530082,527	13,077	BVIA
489	4685184,949	2530085,565	13,153	EVIA
490	4685186,475	2530088,833	13,030	BVIA
491	4685186,547	2530089,185	13,359	ANDEN
492	4685173,895	2530086,449	13,150	RDAS
493	4685173,443	2530086,233	13,125	RDAP

494	4685173,552	2530086,915	13,126	ANDEN
495	4685173,507	2530085,764	13,161	SARDINEL
496	4685171,701	2530081,816	13,544	PARAMENTO
497	4685166,888	2530091,619	13,073	BVIA
498	4685167,690	2530094,444	13,251	EVIA
499	4685168,825	2530097,215	13,164	BVIA
500	4685168,947	2530097,445	13,399	ANDEN
501	4685169,724	2530099,450	13,467	PARQUE
502	4685154,874	2530106,599	13,464	PARQUE
503	4685154,249	2530107,725	13,468	PARQUE
504	4685154,456	2530108,877	13,465	PARQUE
505	4685163,014	2530126,818	13,446	PARQUE
506	4685161,142	2530127,923	13,441	ANDEN
507	4685160,951	2530128,029	13,168	BVIA
508	4685158,004	2530129,147	13,295	EVIA
509	4685154,936	2530130,394	13,271	BVIA
510	4685154,181	2530132,055	13,376	ARBOL
511	4685152,079	2530131,256	13,353	BVIA
512	4685149,056	2530132,904	13,394	EVIA
513	4685146,037	2530134,291	13,590	BVIA
514	4685145,556	2530134,557	13,761	ANDEN
515	4685144,612	2530134,973	13,933	SARDINEL
516	4685141,889	2530136,089	14,066	PARAMENTO
517	4685139,779	2530124,812	14,074	SARDINEL
518	4685140,775	2530124,354	13,729	ANDEN
519	4685141,031	2530124,252	13,605	BVIA
520	4685144,177	2530122,650	13,466	EVIA
521	4685147,268	2530121,357	13,314	BVIA
522	4685147,892	2530118,862	13,199	ARBOL
523	4685149,750	2530120,360	13,229	BVIA
524	4685152,594	2530118,750	13,280	EVIA
525	4685155,625	2530117,097	13,152	BVIA
526	4685155,878	2530116,948	13,425	ANDEN
527	4685152,567	2530109,872	13,445	ANDEN
528	4685152,130	2530107,957	13,439	ANDEN
529	4685152,501	2530106,294	13,420	ANDEN
530	4685154,149	2530104,567	13,435	ANDEN
531	4685152,493	2530105,811	13,230	HCUNETA
532	4685152,486	2530106,106	13,224	HCUNETA
533	4685152,443	2530106,051	13,138	FCUNETA
534	4685152,399	2530105,961	13,121	FCUNETA

535	4685150,573	2530106,521	13,206	BVIA
536	4685149,249	2530103,866	13,257	EVIA
537	4685148,000	2530100,320	13,123	BVIA
538	4685145,029	2530101,557	13,129	EVIA
539	4685141,867	2530102,945	13,159	BVIA
540	4685143,341	2530106,093	13,289	EVIA
541	4685144,663	2530109,157	13,265	BVIA
542	4685144,734	2530109,388	13,312	HCUNETA
543	4685144,874	2530109,639	13,322	HCUNETA
544	4685144,831	2530109,537	13,077	FCUNETA
545	4685144,806	2530109,428	13,075	FCUNETA
546	4685145,058	2530109,785	13,222	BVIA
547	4685147,707	2530108,523	13,259	EVIA
548	4685151,109	2530107,046	13,211	BVIA
549	4685146,296	2530104,880	13,261	EVIA
550	4685145,122	2530113,857	13,498	ARBOL
551	4685142,560	2530111,036	13,330	BVIA
552	4685142,285	2530110,375	13,329	BVIA
553	4685141,185	2530107,654	13,334	EVIA
554	4685139,718	2530104,273	13,187	BVIA
555	4685136,746	2530105,633	13,258	EVIA
556	4685133,409	2530107,233	13,235	BVIA
557	4685134,654	2530110,556	13,351	EVIA
558	4685135,944	2530113,311	13,336	BVIA
559	4685136,017	2530113,523	13,363	HCUNETA
560	4685136,142	2530113,801	13,368	HCUNETA
561	4685136,075	2530113,712	13,131	FCUNETA
562	4685136,041	2530113,616	13,136	FCUNETA
563	4685136,204	2530113,959	13,359	BVIA
564	4685139,338	2530112,563	13,281	EVIA
565	4685139,350	2530112,391	13,320	HCUNETA
566	4685139,183	2530112,114	13,330	HCUNETA
567	4685139,228	2530112,189	13,145	FCUENTA
568	4685139,290	2530112,268	13,154	FCUENTA
569	4685139,194	2530111,914	13,257	EVIA
570	4685138,191	2530109,221	13,320	EVIA
571	4685139,873	2530101,398	13,214	PALTA
572	4685121,415	2530091,750	13,251	PARAMENTO
573	4685124,972	2530089,794	13,413	BVIA
574	4685127,902	2530088,713	13,388	EVIA
575	4685131,351	2530086,921	13,303	BVIA

576	4685132,400	2530086,195	13,255	ARBOL
577	4685133,910	2530085,486	13,007	BVIA
578	4685137,258	2530084,597	13,118	EVIA
579	4685140,370	2530083,407	13,127	BVIA
580	4685136,910	2530095,639	13,306	ARBOL
581	4685129,875	2530105,193	13,338	PARAMENTO
582	4685135,897	2530113,886	13,720	ANDEN
583	4685135,611	2530115,858	13,844	SARDINEL
584	4685133,985	2530120,234	14,130	PARAMENTO
585	4685119,511	2530113,957	13,328	BVIA
586	4685120,929	2530117,410	13,458	EVIA
587	4685121,943	2530120,025	13,448	BVIA
588	4685121,983	2530120,170	13,500	HCUNETA
589	4685122,073	2530120,370	13,541	HCUNETA
590	4685122,076	2530120,380	13,678	ANDEN
591	4685122,068	2530120,373	13,228	FCUNETA
592	4685122,009	2530120,290	13,212	FCUNETA
593	4685120,037	2530121,388	13,491	SAGUA
594	4685120,122	2530121,332	13,499	SAGUA
595	4685121,494	2530120,775	13,532	SAGUA
596	4685121,496	2530121,359	13,685	RDAP
597	4685116,187	2530123,666	13,563	RDAS
598	4685118,167	2530123,645	13,696	SARDINEL
599	4685119,615	2530126,790	13,759	PARAMENTO
600	4685110,516	2530126,026	13,543	ANDEN
601	4685110,488	2530125,982	13,554	HCUNETA
602	4685110,447	2530125,886	13,351	FCUNETA
603	4685110,413	2530125,800	13,316	FCUNETA
604	4685110,382	2530125,710	13,472	HCUNETA
605	4685110,283	2530125,514	13,497	BVIA
606	4685109,097	2530122,755	13,589	EVIA
607	4685107,756	2530119,364	13,636	BVIA
608	4685106,818	2530118,143	14,003	RDAP
609	4685107,316	2530118,687	13,878	ANDEN
610	4685106,504	2530116,804	14,181	SARDINEL
611	4685105,196	2530113,962	14,123	PARAMENTO
612	4685106,382	2530127,789	13,382	SAGUA
613	4685106,270	2530127,830	13,364	SAGUA
614	4685096,270	2530132,554	13,373	SAGUA
615	4685096,190	2530132,592	13,355	SAGUA
616	4685096,080	2530132,694	13,610	HCUNETA

617	4685095,979	2530132,432	13,620	HCUNETA
618	4685096,049	2530132,500	13,362	FCUNETA
619	4685096,094	2530132,604	13,351	FCUNETA
620	4685096,678	2530132,506	13,719	ANDEN
621	4685097,241	2530133,629	13,634	SARDINEL
622	4685099,138	2530136,436	13,565	PARAMENTO
623	4685096,445	2530132,033	13,663	BVIA
624	4685096,185	2530133,190	13,747	RDAP
625	4685095,345	2530128,911	13,752	EVIA
626	4685093,852	2530125,543	13,815	BVIA
627	4685093,683	2530125,099	13,877	ANDEN
628	4685099,429	2530120,130	14,097	SARDINEL
629	4685099,779	2530120,842	14,102	SARDINEL
630	4685088,614	2530126,942	13,876	RDAP
631	4685086,064	2530127,699	13,967	SARDINEL
632	4685084,739	2530124,252	14,342	PARAMENTO
633	4685086,483	2530128,486	13,854	SARDINEL
634	4685089,733	2530135,805	13,741	ANDEN
635	4685090,222	2530136,826	13,772	SARDINEL
636	4685091,564	2530140,041	13,783	PARAMENTO
637	4685089,772	2530136,610	13,680	CERCA
638	4685082,442	2530138,672	13,772	BVIA
639	4685080,951	2530135,546	13,842	EVIA
640	4685079,562	2530132,360	13,817	BVIA
641	4685079,387	2530131,882	13,945	ANDEN
642	4685079,028	2530131,063	13,954	SARDINEL
643	4685079,442	2530131,240	13,874	RDAP
644	4685073,041	2530134,428	13,948	RDAP
645	4685072,340	2530135,291	13,978	ANDEN
646	4685071,908	2530134,343	13,920	SARDINEL
647	4685070,608	2530131,869	13,915	PARAMENTO
648	4685064,726	2530135,811	13,933	CERCA
649	4685065,670	2530138,712	13,747	BVIA
650	4685067,147	2530141,931	13,802	EVIA
651	4685068,605	2530145,278	13,820	BVIA
652	4685068,694	2530145,493	13,945	ANDEN
653	4685069,054	2530146,327	13,946	SARDINEL
654	4685069,280	2530146,353	13,959	CERCA
655	4685070,706	2530149,670	13,973	PARAMENTO
656	4685057,268	2530139,907	13,798	PBAJA
657	4685062,994	2530148,841	13,886	RDAP

658	4685061,069	2530149,193	13,736	SAGUA
659	4685054,772	2530152,247	13,708	SAGUA
660	4685054,978	2530152,124	13,683	SAGUA
661	4685055,696	2530152,674	13,956	SARDINEL
662	4685055,269	2530151,904	13,919	ANDEN
663	4685055,198	2530151,681	13,766	BVIA
664	4685053,872	2530148,381	13,710	EVIA
665	4685052,433	2530144,987	13,673	BVIA
666	4685050,862	2530142,478	13,814	CERCA
667	4685050,586	2530154,820	13,872	RDAP
668	4685047,915	2530155,493	13,676	SAGUA
669	4685047,472	2530155,708	13,837	ANDEN
670	4685047,778	2530156,476	13,823	SARDINEL
671	4685049,412	2530159,847	13,935	PARAMENTO
672	4685039,371	2530164,684	13,706	PARAMENTO
673	4685037,662	2530161,292	13,627	SARDINEL
674	4685037,215	2530160,463	13,550	ANDEN
675	4685037,069	2530160,933	13,635	RDAP
676	4685037,192	2530160,185	13,551	BVIA
677	4685035,899	2530156,902	13,682	EVIA
678	4685033,987	2530153,390	13,535	BVIA
679	4685029,206	2530152,655	13,665	CERCA
680	4685028,191	2530150,549	13,816	PARAMENTO
681	4685029,794	2530153,968	13,828	SARDINEL
682	4685030,155	2530154,851	13,792	ANDEN
683	4685029,320	2530154,822	13,802	RDAS
684	4685029,880	2530155,099	13,674	SAGUA
685	4685023,339	2530157,597	13,834	RDAP
686	4685023,247	2530158,200	13,837	ANDEN
687	4685022,804	2530157,419	13,856	SARDINEL
688	4685022,036	2530155,911	13,691	CERCA
689	4685021,081	2530153,937	13,795	PARAMENTO
690	4685021,774	2530159,470	13,679	BVIA
691	4685023,066	2530161,963	13,728	EVIA
692	4685024,934	2530165,512	13,625	BVIA
693	4685025,643	2530165,452	13,675	ARBOL
694	4685027,621	2530163,426	13,660	ARBOL
695	4685019,602	2530168,881	13,848	ANDEN
696	4685019,888	2530169,694	13,869	SARDINEL
697	4685021,600	2530173,143	13,649	PARAMENTO
698	4685020,016	2530169,740	13,739	PARAMENTO

699	4685012,137	2530171,247	13,559	BVIA
700	4685010,305	2530168,873	13,679	EVIA
701	4685008,340	2530165,637	13,637	BVIA
702	4685007,285	2530163,705	13,673	CERCA
703	4684987,519	2530186,157	13,956	SARDINEL
704	4684990,609	2530184,639	13,683	PARAMENTO
705	4685005,892	2530176,817	13,765	PARAMENTO
706	4684998,458	2530178,694	13,578	BVIA
707	4684996,855	2530175,676	13,712	EVIA
708	4684995,215	2530172,255	13,537	BVIA
709	4684994,152	2530169,998	13,687	CERCA
710	4684982,245	2530178,771	13,592	BVIA
711	4684984,161	2530181,952	13,694	EVIA
712	4684985,791	2530185,331	13,692	BVIA
713	4684982,398	2530187,420	13,654	EVIA
714	4684979,763	2530189,152	13,637	BVIA
715	4684977,423	2530190,434	13,575	BVIA
716	4684974,409	2530191,986	13,514	EVIA
717	4684971,970	2530192,273	13,488	BVIA
718	4684969,835	2530187,960	13,690	EVIA
719	4684968,323	2530184,405	13,715	BVIA
720	4684971,587	2530182,479	13,745	EVIA
721	4684975,037	2530181,129	13,757	BVIA
722	4684973,910	2530180,495	13,808	VALVULA
723	4684974,971	2530179,316	13,887	PALTA
724	4684976,666	2530178,506	13,839	CERCA
725	4684969,880	2530171,208	13,639	BVIA
726	4684967,123	2530172,656	13,733	EVIA
727	4684963,860	2530174,168	13,608	BVIA
728	4684956,280	2530157,997	13,599	BVIA
729	4684959,206	2530156,362	13,762	EVIA
730	4684961,943	2530155,148	13,627	BVIA
731	4684964,200	2530153,707	13,676	CERCA
732	4684954,592	2530159,718	13,742	CERCA
733	4684964,972	2530182,996	13,746	CERCA
734	4684973,251	2530186,058	13,712	EVIA
735	4684980,848	2530182,859	13,744	EVIA
736	4684993,020	2530197,241	13,686	SARDINEL
737	4684996,295	2530195,559	13,721	PARAMENTO
738	4684992,385	2530197,818	13,673	ANDEN
739	4685002,587	2530208,849	14,049	PARAMENTO

740	4684999,468	2530210,322	13,635	SARDINEL
741	4684998,659	2530210,622	13,656	ANDEN
742	4684998,329	2530210,789	13,638	BVIA
743	4684995,678	2530211,893	13,721	EVIA
744	4684992,891	2530213,442	13,660	BVIA
745	4684992,135	2530214,214	13,688	ARBOL
746	4684991,280	2530214,606	13,579	PALTA
747	4684989,451	2530214,486	13,438	BVIA
748	4684983,562	2530217,103	13,468	BVIA
749	4684986,566	2530215,478	13,375	EVIA
750	4684979,828	2530208,821	13,488	BVIA
751	4684982,416	2530207,240	13,453	EVIA
752	4684985,180	2530205,816	13,496	BVIA
753	4684988,102	2530204,420	13,850	BVIA
754	4684990,827	2530203,112	13,745	EVIA
755	4684993,825	2530201,554	13,648	BVIA
756	4684994,129	2530201,451	13,656	ANDEN
757	4684994,934	2530201,147	13,686	SARDINEL
758	4684988,096	2530207,318	13,913	ARBOL
759	4684960,416	2530213,171	13,838	PARAMENTO
760	4684955,031	2530201,863	13,500	PARAMENTO
761	4684954,656	2530199,283	13,514	BVIA
762	4684952,962	2530196,332	13,641	EVIA
763	4684950,846	2530192,852	13,618	BVIA
764	4684949,875	2530191,175	13,653	PBAJA
765	4684941,437	2530208,216	13,794	PARAMENTO
766	4684941,261	2530207,413	13,761	PARAMENTO
767	4684940,694	2530206,293	13,790	ANDEN
768	4684940,679	2530206,292	13,628	SAGUA
769	4684940,551	2530206,378	13,649	SAGUA
770	4684940,293	2530206,247	13,640	BVIA
771	4684938,782	2530203,067	13,679	EVIA
772	4684937,214	2530200,200	13,559	BVIA
773	4684936,156	2530197,650	13,858	CERCA
774	4684923,421	2530203,982	13,644	CERCA
775	4684924,280	2530205,350	13,711	BVIA
776	4684925,770	2530208,640	13,726	EVIA
777	4684927,304	2530212,326	13,667	BVIA
778	4684927,458	2530212,608	13,700	SAGUA
779	4684927,357	2530212,666	13,692	SAGUA
780	4684927,496	2530212,656	13,857	ANDEN

781	4684928,032	2530212,849	13,709	RDAP
782	4684928,554	2530212,576	13,702	RDAS
783	4684928,087	2530213,604	13,863	PARAMENTO
784	4684914,944	2530219,412	13,906	RDAP
785	4684914,702	2530220,027	13,772	PARAMENTO
786	4684914,285	2530218,981	13,858	ANDEN
787	4684914,476	2530218,851	13,639	SAGUA
788	4684917,455	2530217,407	13,617	SAGUA
789	4684914,202	2530218,662	13,672	BVIA
790	4684912,403	2530215,718	13,654	EVIA
791	4684910,870	2530212,382	13,644	BVIA
792	4684910,046	2530210,447	13,642	CERCA
793	4684896,306	2530216,871	13,655	CERCA
794	4684896,718	2530217,789	13,786	BVIA
795	4684898,024	2530221,269	13,602	EVIA
796	4684899,910	2530224,842	13,573	BVIA
797	4684879,438	2530224,998	13,662	CERCA
798	4684879,868	2530226,006	13,798	BVIA
799	4684881,765	2530230,042	13,612	EVIA
800	4684883,241	2530233,079	13,609	BVIA
801	4684857,528	2530235,444	13,761	CERCA
802	4684857,996	2530236,345	13,778	BVIA
803	4684859,574	2530239,441	13,714	EVIA
804	4684861,423	2530243,518	13,907	BVIA
805	4684861,146	2530244,259	14,058	SAGUA
806	4684861,482	2530244,048	14,315	ANDEN
807	4684862,010	2530245,405	14,510	PARAMENTO
808	4684863,594	2530248,479	14,522	PARAMENTO
809	4684848,862	2530255,338	14,186	PARAMENTO
810	4684847,203	2530252,192	14,390	SARDINEL
811	4684846,632	2530251,012	14,176	ANDEN
812	4684842,626	2530242,569	13,963	CERCA
813	4684843,022	2530243,661	13,810	BVIA
814	4684844,501	2530246,539	13,880	EVIA
815	4684846,441	2530250,804	13,949	BVIA
816	4684847,561	2530250,484	14,069	SAGUA
817	4684844,767	2530250,620	13,812	ARBOL
818	4684847,102	2530252,330	14,329	PARAMENTO
819	4684847,552	2530251,352	14,379	RDAP
820	4684835,729	2530256,122	13,925	BVIA
821	4684834,014	2530253,040	13,959	EVIA

822	4684831,686	2530249,855	13,941	BVIA
823	4684826,622	2530250,189	14,066	CERCA
824	4684819,352	2530240,030	14,127	CERCA
825	4684818,713	2530240,454	14,173	BVIA
826	4684815,677	2530242,672	14,197	EVIA
827	4684813,027	2530244,136	14,134	BVIA
828	4684817,193	2530253,660	14,125	PALTA
829	4684818,417	2530255,366	13,957	BVIA
830	4684821,689	2530253,575	14,029	EVIA
831	4684825,593	2530251,677	14,172	BVIA
832	4684829,853	2530258,057	14,030	BVIA
833	4684827,979	2530255,138	14,013	EVIA
834	4684823,949	2530257,370	13,947	EVIA
835	4684820,493	2530259,269	13,941	BVIA
836	4684822,607	2530262,060	13,983	BVIA
837	4684826,124	2530260,492	14,105	EVIA
838	4684835,660	2530268,379	14,120	BVIA
839	4684832,667	2530270,186	14,104	EVIA
840	4684828,693	2530272,767	14,048	BVIA
841	4684859,356	2530274,430	14,147	PARAMENTO
842	4684844,871	2530281,427	14,330	PARAMENTO
843	4684843,620	2530282,052	14,280	ANDEN
844	4684843,294	2530282,230	14,085	BVIA
845	4684840,609	2530283,897	14,175	EVIA
846	4684836,907	2530285,486	14,211	BVIA
847	4684836,123	2530285,873	14,212	PBAJA
848	4684847,088	2530287,831	14,174	SAGUA
849	4684846,573	2530285,642	14,343	RDAS
850	4684847,198	2530287,847	14,300	ANDEN
851	4684846,938	2530288,019	14,197	BVIA
852	4684844,036	2530289,735	14,243	EVIA
853	4684839,381	2530291,536	14,280	BVIA
854	4684847,100	2530287,958	14,212	LOSA
855	4684844,229	2530289,711	14,264	LOSA
856	4684854,382	2530299,844	14,233	SAGUA
857	4684854,656	2530299,959	14,351	ANDEN
858	4684855,913	2530299,356	14,387	PARAMENTO
859	4684854,577	2530299,999	14,176	LOSA
860	4684851,478	2530301,538	14,244	LOSA
861	4684851,781	2530301,353	14,216	ANDEN
862	4684852,365	2530300,995	14,223	ANDEN

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863	4684851,344	2530301,653	14,252	EVIA
864	4684846,525	2530304,569	14,342	BVIA
865	4684854,921	2530313,739	14,268	BVIA
866	4684857,947	2530311,893	14,223	EVIA
867	4684859,200	2530311,006	14,190	ANDEN
868	4684859,733	2530310,608	14,183	ANDEN
869	4684861,506	2530309,211	14,145	BVIA
870	4684854,483	2530300,288	14,163	BVIA
871	4684868,957	2530318,659	14,202	BVIA
872	4684867,092	2530319,854	14,163	ANDEN
873	4684866,390	2530320,130	14,155	ANDEN
874	4684865,818	2530320,299	14,140	EVIA
875	4684862,870	2530321,483	14,223	BVIA
876	4684866,386	2530320,310	14,152	BPAVCON
877	4684869,296	2530318,929	14,123	BPAVCON
878	4684869,240	2530318,772	14,323	ANDEN
879	4684870,044	2530318,045	14,342	ANDEN
880	4684870,164	2530319,910	14,120	BPAVCON
881	4684870,959	2530318,830	14,351	ANDEN
882	4684872,289	2530319,266	14,336	ANDEN
883	4684872,067	2530320,539	14,125	BPAVCON
884	4684873,413	2530320,593	14,094	BPAVCON
885	4684873,274	2530319,250	14,310	ANDEN
886	4684874,266	2530320,249	14,089	BPAVCON
887	4684877,605	2530318,715	14,082	BPAVCON
888	4684877,139	2530317,442	14,310	ANDEN
889	4684873,863	2530318,965	14,278	ANDEN
890	4684893,099	2530311,737	14,047	BPAVCON
891	4684892,441	2530310,697	14,225	ANDEN
892	4684895,774	2530317,075	14,072	BPAVCON
893	4684896,680	2530318,631	14,243	PARAMENTO
894	4684888,175	2530320,512	14,028	BPAVCON
895	4684875,695	2530326,074	14,161	BPAVCON
896	4684866,467	2530332,069	14,347	PARAMENTO
897	4684867,908	2530326,230	14,235	MH
898	4684862,862	2530331,788	14,296	BPAVCON
899	4684866,320	2530331,994	14,379	ANDEN
900	4684863,166	2530332,989	14,357	ANDEN
901	4684851,801	2530338,577	14,883	PARAMENTO
902	4684847,399	2530336,999	15,038	ANDEN
903	4684847,144	2530335,798	14,788	BPAVCON

904	4684845,182	2530330,190	14,721	BPAVCON
905	4684844,926	2530329,004	14,937	ANDEN
906	4684860,520	2530324,862	14,434	ANDEN
907	4684860,474	2530326,176	14,181	BPAVCON
908	4684863,079	2530325,070	14,194	BPAVCON
909	4684863,459	2530324,124	14,157	BPAVCON
910	4684863,445	2530322,912	14,169	BPAVCON
911	4684863,027	2530321,856	14,176	BPAVCON
912	4684861,784	2530321,994	14,456	ANDEN
913	4684862,310	2530323,669	14,423	ANDEN
914	4684861,982	2530324,109	14,426	ANDEN
915	4684862,291	2530324,111	14,417	PBAJA
916	4684854,295	2530319,194	14,693	PALTA
BASE	4684743,220	2526985,924	26,250	BASE
GNSS07	4686532,812	2531724,643	14,516	BASE
RF168	4685959,848	2530726,305	13,707	REFERENCIA
RF169	4685477,675	2529946,388	12,281	REFERENCIA
RF170	4684865,843	2530330,637	14,343	REFERENCIA
RF171	4685002,085	2530257,333	13,959	REFERENCIA
RF172	4685159,336	2530102,281	13,365	REFERENCIA

ESTUDIOS Y DISEÑOS PARA LAFORMULACION DE PROYECTOS DE DE INFRAESTRUCTURA VIAL A REALIZAR POR LA SECRETARIA DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA

CARTERA DE COORDENADAS CALLE 126 Y CARRERA IF

Numero	Este	Norte	Elevacion	Codigo
1	4686588,069	2534755,742	13,256	REVISION
2	4686370,781	2534946,961	13,117	PARAMENTO
3	4686372,038	2534946,410	13,166	BVIA
4	4686373,203	2534943,977	13,152	EVIA
5	4686374,151	2534941,138	13,241	BVIA
6	4686374,592	2534939,771	13,339	CERCA
7	4686377,653	2534953,396	13,102	BVIA
8	4686375,166	2534950,552	13,266	EVIA
9	4686381,354	2534943,199	13,182	BVIA
10	4686381,824	2534941,602	13,193	CERCA
11	4686379,859	2534947,342	13,080	EVIA
12	4686376,218	2534947,977	13,198	BVIA
13	4686376,037	2534953,412	13,164	VALBULA
14	4686377,920	2534954,653	13,299	RDAP
15	4686378,347	2534954,406	13,171	PARAMENTO

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16	4686375,453	2534963,410	13,166	PARAMENTO
17	4686373,935	2534962,945	13,202	BVIA
18	4686370,412	2534961,427	13,168	EVIA
19	4686367,604	2534960,172	13,221	BVIA
20	4686366,717	2534959,858	13,203	PARAMENTO
21	4686363,682	2534968,671	13,186	PARAMENTO
22	4686364,683	2534968,998	13,160	BVIA
23	4686367,868	2534970,164	13,102	EVIA
24	4686371,729	2534971,466	13,205	BVIA
25	4686373,063	2534971,690	12,961	PARAMENTO
26	4686382,082	2534953,910	13,270	PARAMENTO
27	4686391,657	2534953,655	13,213	PARAMENTO
28	4686391,783	2534952,875	13,183	PALTA
29	4686391,680	2534952,618	13,136	BVIA
30	4686392,015	2534949,126	13,121	EVIA
31	4686392,576	2534945,295	13,152	BVIA
32	4686393,017	2534943,822	13,174	CERCA
33	4686400,987	2534945,371	13,062	CERCA
34	4686401,075	2534946,507	13,052	BVIA
35	4686401,007	2534949,286	13,124	EVIA
36	4686401,027	2534952,416	13,134	BVIA
37	4686401,092	2534953,318	13,158	PARAMENTO
38	4686411,448	2534952,961	13,271	PARAMENTO
39	4686411,359	2534952,071	13,241	BVIA
40	4686411,273	2534949,721	13,235	EVIA
41	4686411,244	2534947,077	13,138	BVIA
42	4686411,719	2534945,994	13,209	CERCA
43	4686412,972	2534946,019	13,236	ARBOL
44	4686415,003	2534946,489	13,186	PBAJA
45	4686415,282	2534945,846	13,260	CERCA
46	4686415,941	2534936,047	13,410	PARAMENTO
47	4686416,567	2534928,304	13,553	PARAMENTO
48	4686417,036	2534928,380	13,473	BVIA
49	4686417,961	2534928,387	13,418	EVIA
50	4686418,995	2534928,333	13,440	BVIA
51	4686419,630	2534928,375	13,679	PARAMENTO
52	4686418,408	2534936,264	13,355	BVIA
53	4686417,369	2534936,202	13,315	EVIA
54	4686416,385	2534936,099	13,392	BVIA
55	4686418,470	2534946,367	13,182	BVIA
56	4686416,962	2534946,622	13,244	EVIA

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57	4686415,532	2534946,893	13,239	BVIA
58	4686415,574	2534949,340	13,253	EVIA
59	4686415,747	2534951,829	13,349	BVIA
60	4686418,842	2534951,451	13,230	BVIA
61	4686418,638	2534948,888	13,244	EVIA
62	4686418,767	2534951,916	13,235	PBAJA
63	4686419,081	2534952,238	13,311	PARAMENTO
64	4686420,483	2534945,140	13,388	PARAMENTO
65	4686411,943	2534952,887	13,270	SAGUA
66	4686412,432	2534952,312	13,414	RDAP
67	4686422,982	2534950,614	13,329	RDAS
68	4686427,078	2534951,358	13,322	RDAP
69	4686427,955	2534950,711	13,309	ARBOL
70	4686423,328	2534951,003	13,302	ARBOL
71	4686425,149	2534951,499	13,276	PARAMENTO
72	4686425,205	2534951,813	13,230	PARAMENTO
73	4686428,388	2534951,428	13,427	PARAMENTO
74	4686428,555	2534950,816	13,331	PALTA
75	4686428,901	2534951,529	13,427	CERCA
76	4686429,063	2534950,074	13,198	BVIA
77	4686428,865	2534947,820	13,235	EVIA
78	4686428,790	2534945,276	13,158	BVIA
79	4686428,705	2534944,610	13,357	PARAMENTO
80	4686435,266	2534943,728	13,338	SAGUA
81	4686435,578	2534943,651	13,394	PARAMENTO
82	4686436,145	2534943,457	13,191	CERCA
83	4686439,652	2534943,316	13,116	RDAS
84	4686439,797	2534944,105	12,936	BVIA
85	4686440,120	2534946,320	13,133	EVIA
86	4686440,265	2534948,849	13,156	BVIA
87	4686440,356	2534949,779	13,459	CERCA
88	4686446,563	2534945,745	13,110	MH
89	4686449,272	2534948,290	13,246	CERCA
90	4686449,503	2534948,918	13,284	PARAMENTO
91	4686452,917	2534947,529	13,178	PALTA
92	4686455,949	2534947,474	13,108	PARAMENTO
93	4686455,854	2534946,729	13,106	BVIA
94	4686455,445	2534943,929	13,108	EVIA
95	4686455,105	2534940,859	13,066	BVIA
96	4686455,025	2534939,284	13,144	CERCA
97	4686462,940	2534939,392	12,981	BVIA

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98	4686463,583	2534942,011	13,102	EVIA
99	4686464,265	2534944,715	13,159	BVIA
100	4686464,558	2534945,539	13,239	PARAMENTO
101	4686471,334	2534943,031	13,321	RDAS
102	4686470,653	2534944,182	13,305	PARAMENTO
103	4686470,514	2534943,575	13,310	SARDINEL
104	4686472,020	2534942,736	13,246	ARBOL
105	4686473,793	2534942,331	13,267	ARBOL
106	4686478,791	2534941,455	13,537	SARDINEL
107	4686478,912	2534942,294	13,230	PARAMENTO
108	4686479,029	2534940,813	13,402	RDAP
109	4686479,389	2534941,361	13,395	SAGUA
110	4686479,514	2534941,352	13,387	SAGUA
111	4686479,487	2534940,969	13,325	RDAS
112	4686486,419	2534939,171	13,431	SAGUA
113	4686486,224	2534939,216	13,298	PALTA
114	4686485,968	2534939,660	13,342	SAGUA
115	4686485,988	2534939,682	13,386	SAGUA
116	4686486,502	2534940,298	13,625	PARAMENTO
117	4686486,332	2534939,576	13,531	SARDINEL
118	4686486,481	2534938,662	13,264	BVIA
119	4686485,777	2534935,538	13,254	EVIA
120	4686484,937	2534931,797	13,201	BVIA
121	4686481,048	2534927,089	13,476	SAGUA
122	4686483,390	2534926,492	13,404	PARAMENTO
123	4686493,653	2534923,840	13,406	SAGUA
124	4686494,462	2534923,799	13,439	SAGUA
125	4686493,079	2534938,241	13,207	PARAMENTO
126	4686493,308	2534939,144	13,242	PARAMENTO
127	4686496,214	2534937,757	13,373	SARDINEL
128	4686495,901	2534936,870	13,209	SARDINEL
129	4686499,516	2534935,622	13,185	SARDINEL
130	4686499,175	2534934,686	13,255	BVIA
131	4686498,402	2534932,031	13,242	EVIA
132	4686497,346	2534928,241	13,199	BVIA
133	4686497,874	2534925,253	13,236	ARBOL
134	4686496,364	2534923,118	13,392	PARAMENTO
135	4686506,110	2534920,464	13,482	PARAMENTO
136	4686507,333	2534924,785	13,258	BVIA
137	4686508,485	2534927,554	13,232	EVIA
138	4686509,761	2534930,948	13,323	BVIA

139	4686506,477	2534932,984	13,516	SARDINEL
140	4686506,906	2534934,015	13,344	SARDINEL
141	4686510,440	2534932,514	13,440	PARAMENTO
142	4686514,337	2534929,715	13,262	PALTA
143	4686514,697	2534929,498	13,497	RDAP
144	4686515,929	2534928,886	13,253	ARBOL
145	4686510,892	2534919,161	13,551	PARAMENTO
146	4686506,292	2534901,800	13,874	PARAMENTO
147	4686508,307	2534901,466	13,527	BVIA
148	4686511,137	2534900,610	13,422	EVIA
149	4686514,166	2534899,958	13,365	BVIA
150	4686514,929	2534899,595	13,499	CERCA
151	4686517,539	2534908,764	13,385	CERCA
152	4686516,354	2534909,330	13,326	BVIA
153	4686513,912	2534910,126	13,318	EVIA
154	4686510,620	2534911,090	13,266	BVIA
155	4686519,234	2534916,495	13,336	PBAJA
156	4686520,144	2534917,769	13,293	CERCA
157	4686519,352	2534919,544	13,226	BVIA
158	4686517,019	2534920,638	13,215	EVIA
159	4686513,589	2534921,937	13,294	BVIA
160	4686514,962	2534925,432	13,241	EVIA
161	4686516,085	2534928,674	13,308	BVIA
162	4686521,492	2534926,536	13,344	BVIA
163	4686520,411	2534923,018	13,234	EVIA
164	4686517,634	2534924,635	13,213	EVIA
165	4686518,973	2534927,747	13,258	BVIA
166	4686522,228	2534928,443	13,359	PARAMENTO
167	4686521,794	2534927,276	13,288	SARDINEL
168	4686522,107	2534926,631	13,548	RDAS
169	4686523,441	2534926,323	13,319	RDAP
170	4686525,965	2534924,739	13,473	RDAP
171	4686527,647	2534924,165	13,454	ARBOL
172	4686530,253	2534922,434	13,438	ARBOL
173	4686532,717	2534922,954	13,785	PARAMENTO
174	4686532,286	2534922,113	13,760	SARDINEL
175	4686533,165	2534921,339	13,408	ARBOL
176	4686532,010	2534921,524	13,351	BVIA
177	4686530,707	2534918,298	13,202	EVIA
178	4686529,359	2534915,170	13,211	BVIA
179	4686528,952	2534914,249	13,267	CERCA

180	4686536,357	2534919,781	13,445	ARBOL
181	4686536,000	2534920,426	13,599	SAGUA
182	4686541,870	2534917,161	13,516	PALTA
183	4686542,581	2534918,737	13,894	PARAMENTO
184	4686542,193	2534917,453	13,625	SARDINEL
185	4686545,545	2534915,565	13,563	SARDINEL
186	4686545,550	2534915,220	13,369	SARDINEL
187	4686545,148	2534914,635	13,260	BVIA
188	4686543,776	2534911,981	13,261	EVIA
189	4686542,571	2534909,158	13,283	BVIA
190	4686542,218	2534908,002	13,358	CERCA
191	4686548,159	2534913,670	13,442	RDAP
192	4686549,545	2534913,145	13,255	SAGUA
193	4686549,190	2534913,560	13,451	SARDINEL
194	4686557,527	2534911,479	13,589	PARAMENTO
195	4686557,123	2534910,512	13,435	SARDINEL
196	4686557,171	2534909,870	13,421	BVIA
197	4686556,370	2534907,088	13,220	EVIA
198	4686555,283	2534904,306	13,272	BVIA
199	4686553,077	2534903,648	13,378	CERCA
200	4686551,338	2534896,923	13,380	CERCA
201	4686552,093	2534896,734	13,361	PARAMENTO
202	4686549,887	2534887,712	13,505	PARAMENTO
203	4686550,631	2534887,474	13,480	BVIA
204	4686553,105	2534886,909	13,359	EVIA
205	4686555,728	2534886,428	13,409	BVIA
206	4686553,658	2534896,326	13,329	BVIA
207	4686555,961	2534895,956	13,228	EVIA
208	4686558,036	2534895,447	13,292	BVIA
209	4686557,578	2534885,484	13,343	PARAMENTO
210	4686559,041	2534890,439	13,460	PARAMENTO
211	4686558,551	2534892,762	13,272	CERCA
212	4686561,207	2534899,976	13,398	CERCA
213	4686560,039	2534902,262	13,224	BVIA
214	4686557,685	2534903,086	13,227	EVIA
215	4686558,875	2534905,725	13,273	EVIA
216	4686560,027	2534908,867	13,369	BVIA
217	4686560,286	2534908,886	13,406	SAGUA
218	4686561,866	2534907,890	13,298	BVIA
219	4686560,808	2534905,345	13,271	EVIA
220	4686561,305	2534908,839	13,383	SARDINEL

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221	4686561,678	2534909,800	13,428	PARAMENTO
222	4686567,753	2534906,762	13,325	RDAP
223	4686571,540	2534906,523	13,305	PARAMENTO
224	4686571,271	2534905,902	13,288	PARAMENTO
225	4686571,070	2534904,938	13,156	BVIA
226	4686570,269	2534901,911	13,248	EVIA
227	4686569,210	2534898,792	13,137	BVIA
228	4686568,619	2534897,209	13,197	CERCA
229	4686570,585	2534897,391	13,179	RDAS
230	4686576,214	2534903,203	13,137	PALTA
231	4686577,637	2534903,077	13,251	RDAP
232	4686581,393	2534902,341	13,287	PARAMENTO
233	4686581,051	2534901,068	13,141	BVIA
234	4686579,977	2534898,147	13,140	EVIA
235	4686578,555	2534894,633	13,152	BVIA
236	4686578,074	2534892,903	13,312	CERCA
237	4686587,673	2534899,024	13,149	BVIA
238	4686589,603	2534898,323	13,137	EVIA
239	4686591,478	2534897,840	13,187	BVIA
240	4686590,943	2534895,639	13,157	BVIA
241	4686589,746	2534893,333	13,222	EVIA
242	4686588,178	2534890,484	13,156	BVIA
243	4686587,596	2534888,912	13,223	CERCA
244	4686585,121	2534891,729	13,151	BVIA
245	4686586,246	2534895,123	13,174	BVIA
246	4686588,458	2534894,418	13,193	BVIA
247	4686587,471	2534900,403	13,164	PARAMENTO
248	4686589,570	2534907,307	13,290	PARAMENTO
249	4686590,001	2534907,144	13,248	BVIA
250	4686591,864	2534906,387	13,248	EVIA
251	4686593,767	2534905,906	13,278	BVIA
252	4686594,638	2534905,683	13,282	CERCA
253	4686596,087	2534909,382	13,276	CERCA
254	4686595,132	2534909,680	13,392	SARDINEL
255	4686597,279	2534912,912	13,444	PARAMENTO
256	4686596,303	2534913,187	13,419	SARDINEL
257	4686595,800	2534913,324	13,218	BVIA
258	4686593,823	2534913,671	13,202	EVIA
259	4686592,118	2534914,191	13,284	BVIA
260	4686591,671	2534914,167	13,388	PARAMENTO
261	4686593,202	2534896,671	13,465	PARAMENTO

262	4686591,413	2534886,974	13,367	CERCA
263	4686594,324	2534882,408	13,309	PBAJA
264	4686592,855	2534883,123	13,469	CERCA
265	4686592,597	2534882,208	13,405	PARAMENTO
266	4686587,877	2534862,812	13,371	PARAMENTO
267	4686590,004	2534862,327	13,413	BVIA
268	4686592,806	2534861,319	13,308	EVIA
269	4686595,052	2534860,664	13,331	BVIA
270	4686597,562	2534859,373	13,276	EVIA
271	4686599,833	2534858,166	13,305	BVIA
272	4686601,123	2534857,438	13,296	CERCA
273	4686606,800	2534866,166	13,279	CERCA
274	4686605,621	2534866,907	13,301	BVIA
275	4686603,793	2534867,828	13,304	EVIA
276	4686601,079	2534868,898	13,305	BVIA
277	4686598,840	2534869,672	13,299	BVIA
278	4686596,241	2534870,482	13,301	EVIA
279	4686593,088	2534871,479	13,437	BVIA
280	4686589,937	2534872,502	13,573	PARAMENTO
281	4686594,124	2534877,905	13,433	BVIA
282	4686597,010	2534877,405	13,291	EVIA
283	4686600,595	2534877,076	13,431	BVIA
284	4686600,836	2534884,156	13,269	BVIA
285	4686598,241	2534884,826	13,323	EVIA
286	4686595,102	2534885,446	13,267	BVIA
287	4686596,422	2534889,124	13,314	EVIA
288	4686597,813	2534892,149	13,420	BVIA
289	4686598,614	2534894,120	13,496	PARAMENTO
290	4686598,079	2534892,763	13,407	SARDINEL
291	4686602,389	2534889,680	13,318	BVIA
292	4686601,408	2534887,337	13,290	EVIA
293	4686597,319	2534889,022	13,314	EVIA
294	4686601,714	2534881,871	13,356	ARBOL
295	4686606,080	2534874,906	13,292	ARBOL
296	4686609,612	2534878,913	13,207	ARBOL
297	4686610,125	2534871,339	13,365	CERCA
298	4686610,111	2534872,298	13,304	BVIA
299	4686609,011	2534873,790	13,261	EVIA
300	4686607,997	2534875,502	13,294	BVIA
301	4686611,029	2534878,852	13,253	BVIA
302	4686612,255	2534881,931	13,313	EVIA

303	4686613,193	2534884,072	13,294	BVIA
304	4686613,517	2534885,054	13,299	SARDINEL
305	4686618,165	2534875,585	13,249	BVIA
306	4686619,145	2534877,874	13,254	EVIA
307	4686620,295	2534880,394	13,280	BVIA
308	4686617,981	2534882,842	13,253	SARDINEL
309	4686617,248	2534881,611	13,262	BVIA
310	4686615,752	2534879,876	13,245	EVIA
311	4686613,696	2534876,778	13,301	EVIA
312	4686608,992	2534889,312	13,665	PARAMENTO
313	4686608,537	2534888,000	13,351	SARDINEL
314	4686608,284	2534887,537	13,366	PALTA
315	4686623,580	2534881,668	13,488	PARAMENTO
316	4686622,986	2534880,661	13,413	PARAMENTO
317	4686627,210	2534870,411	13,239	ARBOL
318	4686631,900	2534867,490	13,204	ARBOL
319	4686630,211	2534876,791	13,521	PARAMENTO
320	4686629,700	2534875,883	13,315	BVIA
321	4686628,439	2534873,692	13,303	EVIA
322	4686627,136	2534871,014	13,250	BVIA
323	4686633,312	2534867,631	13,212	BVIA
324	4686634,677	2534866,711	13,259	EVIA
325	4686636,451	2534865,878	13,338	BVIA
326	4686636,586	2534865,021	13,292	SARDINEL
327	4686636,108	2534864,327	13,253	CERCA
328	4686627,658	2534859,349	13,186	CERCA
329	4686628,356	2534859,651	13,215	BVIA
330	4686629,976	2534858,750	13,212	EVIA
331	4686631,061	2534858,079	13,194	BVIA
332	4686631,673	2534857,692	13,226	CERCA
333	4686623,047	2534851,828	13,263	CERCA
334	4686623,601	2534851,650	13,175	BVIA
335	4686624,822	2534850,925	13,214	EVIA
336	4686625,817	2534850,219	13,187	BVIA
337	4686626,441	2534850,097	13,199	CERCA
338	4686635,472	2534871,706	13,378	BVIA
339	4686634,421	2534869,745	13,297	EVIA
340	4686636,114	2534868,720	13,272	EVIA
341	4686637,750	2534867,723	13,253	EVIA
342	4686638,874	2534869,838	13,305	BVIA
343	4686639,769	2534871,542	13,344	PARAMENTO

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344	4686639,017	2534871,395	13,174	RDAP
345	4686636,318	2534871,664	13,337	PALTA
346	4686643,538	2534869,429	13,338	PARAMENTO
347	4686644,371	2534867,542	13,326	CERCA
348	4686641,742	2534859,382	13,421	PARAMENTO
349	4686644,489	2534860,096	13,359	RDAP
350	4686647,277	2534857,894	13,261	SAGUA
351	4686645,520	2534856,911	13,427	PARAMENTO
352	4686646,471	2534857,940	13,392	SARDINEL
353	4686646,771	2534858,250	13,488	SARDINEL
354	4686646,845	2534858,479	13,277	BVIA
355	4686648,477	2534860,638	13,271	EVIA
356	4686649,998	2534862,686	13,319	BVIA
357	4686650,596	2534863,712	13,190	CERCA
358	4686650,037	2534856,208	13,334	RDAS
359	4686650,694	2534855,592	13,365	RDAP
360	4686651,313	2534854,707	13,254	SAGUA
361	4686655,415	2534859,814	13,361	PALTA
362	4686655,931	2534860,339	13,277	CERCA
363	4686657,123	2534861,864	13,233	PARAMENTO
364	4686661,329	2534856,099	13,431	SEPTICO
365	4686654,371	2534852,726	13,356	RDAP
366	4686654,975	2534852,445	13,403	RDAS
367	4686656,546	2534851,068	13,391	RDAS
368	4686654,881	2534851,967	13,508	SARDINEL
369	4686653,633	2534850,586	13,502	PARAMENTO
370	4686654,345	2534851,524	13,512	PARAMENTO
371	4686666,327	2534855,018	13,164	PARAMENTO
372	4686665,215	2534853,455	13,451	SARDINEL
373	4686665,384	2534853,171	13,203	SAGUA
374	4686664,871	2534852,886	13,258	BVIA
375	4686663,162	2534850,368	13,304	EVIA
376	4686661,200	2534847,505	13,222	BVIA
377	4686660,530	2534846,678	13,311	PARAMENTO
378	4686659,670	2534848,653	13,332	RDAS
379	4686661,890	2534846,683	13,260	RDAS
380	4686668,746	2534850,920	13,263	SARDINEL
381	4686669,789	2534852,652	13,129	PARAMENTO
382	4686667,469	2534842,010	13,377	RDAS
383	4686671,286	2534839,327	13,188	SAGUA
384	4686670,345	2534838,702	13,450	PARAMENTO

385	4686671,148	2534839,710	13,258	BVIA
386	4686673,071	2534841,875	13,225	EVIA
387	4686674,895	2534844,279	13,203	BVIA
388	4686677,948	2534846,510	13,085	PARAMENTO
389	4686671,046	2534839,380	13,365	ANDEN
390	4686670,424	2534838,689	13,405	ANDEN
391	4686674,386	2534836,794	13,699	ARBOL
392	4686678,182	2534833,013	13,706	ARBOL
393	4686683,128	2534837,237	13,257	SAGUA
394	4686684,216	2534837,177	13,581	RDAP
395	4686683,240	2534838,246	13,387	PALTA
396	4686681,974	2534829,835	13,341	ANDEN
397	4686681,522	2534829,342	13,433	ANDEN
398	4686681,346	2534829,099	13,495	PARAMENTO
399	4686679,183	2534826,540	13,377	PARAMENTO
400	4686683,647	2534822,737	13,331	PARAMENTO
401	4686685,639	2534825,129	13,293	SARDINEL
402	4686682,450	2534829,773	13,298	BVIA
403	4686684,174	2534832,284	13,255	EVIA
404	4686686,151	2534834,682	13,245	BVIA
405	4686689,002	2534838,044	13,337	PARAMENTO
406	4686687,825	2534833,931	13,286	ARBOL
407	4686690,717	2534831,523	13,303	ARBOL
408	4686697,093	2534831,531	13,400	PARAMENTO
409	4686695,116	2534828,907	13,718	PARAMENTO
410	4686694,608	2534828,291	13,715	SARDINEL
411	4686694,918	2534828,056	13,478	SAGUA
412	4686694,412	2534827,949	13,332	BVIA
413	4686692,184	2534825,484	13,302	EVIA
414	4686689,632	2534822,342	13,244	BVIA
415	4686689,417	2534822,060	13,280	SARDINEL
416	4686693,500	2534818,572	13,310	SARDINEL
417	4686692,769	2534817,786	13,323	SARDINEL
418	4686691,421	2534816,424	13,338	PARAMENTO
419	4686695,805	2534815,797	13,434	ARBOL
420	4686694,869	2534815,977	13,344	SAGUA
421	4686698,286	2534813,544	13,377	ARBOL
422	4686699,574	2534823,128	13,378	ARBOL
423	4686702,040	2534820,977	13,306	ARBOL
424	4686704,902	2534817,928	13,426	ARBOL
425	4686705,702	2534816,932	13,438	PALTA

426	4686700,644	2534824,289	13,375	PARAMENTO
427	4686700,146	2534823,263	13,401	SARDINEL
428	4686699,477	2534822,482	13,356	BVIA
429	4686697,636	2534819,866	13,322	EVIA
430	4686695,601	2534817,602	13,361	BVIA
431	4686700,552	2534811,547	13,548	SAGUA
432	4686701,077	2534807,750	13,530	PARAMENTO
433	4686702,591	2534809,717	13,465	SARDINEL
434	4686703,006	2534810,260	13,345	BVIA
435	4686705,140	2534812,348	13,335	EVIA
436	4686707,224	2534814,617	13,348	BVIA
437	4686708,013	2534815,372	13,339	SARDINEL
438	4686708,914	2534816,145	13,564	PARAMENTO
439	4686707,631	2534815,112	13,353	ARBOL
440	4686708,779	2534814,065	13,437	RDAP
441	4686709,827	2534813,463	13,265	SAGUA
442	4686708,276	2534805,101	13,466	SARDINEL
443	4686706,900	2534803,451	13,536	SARDINEL
444	4686706,726	2534803,230	13,542	PARAMENTO
445	4686715,370	2534807,423	13,356	ARBOL
446	4686717,783	2534805,262	13,265	ARBOL
447	4686711,744	2534799,321	13,428	PARAMENTO
448	4686713,335	2534801,316	13,413	BVIA
449	4686714,981	2534803,194	13,346	EVIA
450	4686716,923	2534805,259	13,325	BVIA
451	4686721,947	2534802,887	13,340	RDAS
452	4686723,197	2534801,260	13,495	ARBOL
453	4686725,931	2534798,449	13,534	ARBOL
454	4686719,296	2534794,484	13,527	SAGUA
455	4686720,010	2534794,743	13,485	RDAP
456	4686713,678	2534797,552	13,555	SARDINEL
457	4686714,422	2534798,333	13,559	SARDINEL
458	4686714,242	2534798,450	13,551	RDAP
459	4686721,771	2534790,663	13,555	PARAMENTO
460	4686722,594	2534791,544	13,541	SARDINEL
461	4686723,587	2534791,875	13,570	ANDEN
462	4686723,267	2534792,604	13,444	BVIA
463	4686725,124	2534794,785	13,426	EVIA
464	4686727,171	2534797,000	13,452	BVIA
465	4686728,281	2534796,071	13,480	RDAS
466	4686729,196	2534795,674	13,413	PALTA

467	4686730,059	2534796,537	13,392	PARAMENTO
468	4686727,215	2534788,893	13,576	ANDEN
469	4686726,690	2534788,226	13,615	ANDEN
470	4686726,684	2534788,241	13,628	SARDINEL
471	4686726,980	2534788,742	13,576	RDAP
472	4686727,418	2534788,482	13,647	RDAP
473	4686731,069	2534797,501	13,455	PARAMENTO
474	4686737,141	2534791,784	13,625	PARAMENTO
475	4686736,213	2534790,653	13,546	SARDINEL
476	4686736,607	2534790,155	13,545	RDAS
477	4686732,432	2534783,438	13,426	SARDINEL
478	4686731,566	2534782,354	13,433	SARDINEL
479	4686730,825	2534781,478	13,460	PARAMENTO
480	4686732,921	2534781,617	13,514	RDAP
481	4686736,858	2534776,862	13,548	PARAMENTO
482	4686737,384	2534777,514	13,523	SARDINEL
483	4686738,670	2534778,087	13,646	RDAP
484	4686739,087	2534776,999	13,702	SEPTICO
485	4686739,035	2534778,679	13,458	BVIA
486	4686740,814	2534780,969	13,452	EVIA
487	4686742,861	2534783,546	13,480	BVIA
488	4686743,362	2534784,136	13,493	SARDINEL
489	4686744,344	2534785,241	13,564	PARAMENTO
490	4686744,002	2534784,806	13,581	SARDINEL
491	4686751,318	2534777,101	13,465	PALTA
492	4686751,736	2534777,770	13,796	SARDINEL
493	4686751,152	2534776,898	13,412	BVIA
494	4686749,411	2534774,580	13,447	EVIA
495	4686747,580	2534772,045	13,572	BVIA
496	4686746,616	2534770,191	13,532	SARDINEL
497	4686747,208	2534770,703	13,605	SARDINEL
498	4686746,104	2534769,595	13,584	PARAMENTO
499	4686751,532	2534765,058	13,550	PARAMENTO
500	4686752,369	2534766,139	13,485	SARDINEL
501	4686752,530	2534766,431	13,449	SAGUA
502	4686757,957	2534771,954	13,428	ARBOL
503	4686759,135	2534771,359	13,274	SARDINEL
504	4686759,231	2534773,090	13,440	PARAMENTO
505	4686766,862	2534781,403	13,350	PARAMENTO
506	4686767,847	2534780,360	13,604	SARDINEL
507	4686767,986	2534780,079	13,144	BVIA

508	4686769,471	2534778,602	13,171	EVIA
509	4686770,734	2534777,615	13,252	BVIA
510	4686771,201	2534777,202	13,708	PARAMENTO
511	4686767,899	2534773,763	13,425	PARAMENTO
512	4686767,509	2534774,041	13,258	BVIA
513	4686766,037	2534775,370	13,212	EVIA
514	4686764,786	2534776,570	13,202	BVIA
515	4686763,286	2534768,415	13,309	PARAMENTO
516	4686763,117	2534767,911	13,358	RDAS
517	4686761,858	2534767,672	13,254	BVIA
518	4686760,248	2534769,191	13,287	EVIA
519	4686758,802	2534770,212	13,314	BVIA
520	4686756,533	2534767,433	13,410	EVIA
521	4686754,891	2534765,577	13,446	BVIA
522	4686754,142	2534764,622	13,472	SARDINEL
523	4686755,851	2534763,778	13,444	VALBULA
524	4686756,719	2534762,742	13,534	RDAP
525	4686756,591	2534762,249	13,575	SARDINEL
526	4686755,705	2534761,182	13,562	PARAMENTO
527	4686755,326	2534760,694	13,592	PARAMENTO
528	4686757,725	2534761,567	13,547	ARBOL
529	4686761,289	2534758,594	13,606	ARBOL
530	4686757,759	2534762,912	13,491	BVIA
531	4686759,474	2534765,165	13,411	EVIA
532	4686757,763	2534766,398	13,389	EVIA
533	4686763,574	2534757,780	13,540	SAGUA
534	4686768,771	2534751,848	13,805	SARDINEL
535	4686768,013	2534750,946	13,920	SARDINEL
536	4686767,554	2534750,372	13,937	PARAMENTO
537	4686766,837	2534749,309	13,578	PARAMENTO
538	4686769,219	2534752,721	13,492	SAGUA
539	4686769,026	2534752,069	13,619	BVIA
540	4686771,523	2534754,026	13,471	EVIA
541	4686773,918	2534756,170	13,457	BVIA
542	4686774,329	2534756,455	13,547	PALTA
543	4686775,309	2534757,766	13,602	PARAMENTO
544	4686774,723	2534756,779	13,543	CERCA
545	4686771,302	2534759,681	13,575	RDAP
546	4686775,382	2534744,245	13,347	ARBOL
547	4686772,974	2534747,437	13,603	RDAS
548	4686774,665	2534743,622	13,406	SAGUA

549	4686775,321	2534743,285	13,502	RDAP
550	4686780,556	2534744,648	13,429	MH
551	4686781,707	2534748,406	13,427	CERCA
552	4686781,051	2534747,858	13,354	BVIA
553	4686779,005	2534745,800	13,469	EVIA
554	4686776,640	2534743,828	13,460	BVIA
555	4686774,645	2534741,834	13,872	PARAMENTO
556	4686781,542	2534735,321	13,721	PARAMENTO
557	4686780,085	2534733,474	13,397	PARAMENTO
558	4686783,146	2534735,365	13,562	BVIA
559	4686785,446	2534737,465	13,505	EVIA
560	4686787,735	2534739,252	13,491	BVIA
561	4686788,410	2534739,246	13,641	ARBOL
562	4686785,381	2534744,225	13,389	CERCA
563	4686785,957	2534744,764	13,597	CERCA
564	4686790,138	2534740,049	13,675	PARAMENTO
565	4686791,811	2534734,555	13,609	PALTA
566	4686793,917	2534732,698	13,550	RDAS
567	4686794,994	2534731,335	13,558	RDAP
568	4686796,469	2534732,181	13,575	PARAMENTO
569	4686796,060	2534731,780	13,513	PARAMENTO
570	4686795,372	2534731,146	13,698	SARDINEL
571	4686794,668	2534730,740	13,476	BVIA
572	4686792,410	2534728,868	13,501	EVIA
573	4686789,864	2534726,646	13,552	BVIA
574	4686788,670	2534725,487	13,524	PARAMENTO
575	4686789,589	2534726,850	13,591	RDAP
576	4686790,190	2534726,102	13,593	RDAP
577	4686790,400	2534725,446	13,694	RDAS
578	4686797,606	2534727,735	13,395	SAGUA
579	4686797,269	2534715,784	13,658	PARAMENTO
580	4686798,153	2534716,364	13,607	BVIA
581	4686800,541	2534718,386	13,592	EVIA
582	4686802,831	2534720,579	13,431	BVIA
583	4686803,423	2534721,073	13,691	SARDINEL
584	4686804,544	2534721,936	13,518	PARAMENTO
585	4686806,982	2534715,895	13,689	SAGUA
586	4686808,550	2534713,489	13,820	RDAS
587	4686811,319	2534709,293	13,605	PALTA
588	4686811,456	2534710,442	13,802	RDAP
589	4686812,210	2534710,223	13,562	PARAMENTO

Secretaria de infraestructura del Municipio de Montería

Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

590	4686810,838	2534708,968	13,520	BVIA
591	4686808,494	2534707,206	13,680	EVIA
592	4686806,602	2534705,085	13,633	BVIA
593	4686805,841	2534704,442	13,637	PARAMENTO
594	4686808,077	2534717,123	13,523	PARAMENTO
595	4686807,048	2534716,298	13,555	PARAMENTO
596	4686813,716	2534708,271	13,548	PARAMENTO
597	4686812,935	2534707,530	13,455	PARAMENTO
598	4686819,439	2534699,564	13,611	PARAMENTO
599	4686819,507	2534698,191	13,562	BVIA
600	4686820,627	2534695,744	13,619	EVIA
601	4686821,674	2534693,906	13,636	BVIA
602	4686823,390	2534693,340	13,654	CERCA
603	4686824,535	2534703,703	13,443	PARAMENTO
604	4686825,018	2534703,174	13,351	BVIA
605	4686826,812	2534701,641	13,478	EVIA
606	4686828,404	2534700,321	13,524	BVIA
607	4686829,085	2534699,702	13,482	CERCA
608	4686836,261	2534707,638	13,694	CERCA
609	4686835,559	2534708,100	13,521	BVIA
610	4686834,317	2534709,271	13,362	EVIA
611	4686833,068	2534710,556	13,326	BVIA
612	4686832,508	2534711,442	13,488	PARAMENTO
613	4686817,829	2534693,867	13,649	EVIA
614	4686816,552	2534695,572	13,658	EVIA
615	4686814,516	2534694,189	13,594	BVIA
616	4686817,946	2534689,459	13,808	BVIA
617	4686819,916	2534691,060	13,716	EVIA
618	4686815,182	2534692,767	13,706	PALTA
619	4686814,615	2534692,055	13,696	PARAMENTO
620	4686812,677	2534695,314	13,737	RDAP
621	4686818,316	2534686,600	13,889	PARAMENTO
622	4686816,914	2534684,594	13,829	PARAMENTO
623	4686820,427	2534679,858	13,922	PARAMENTO
624	4686825,787	2534674,084	13,801	PARAMENTO
625	4686825,116	2534673,344	13,732	PARAMENTO
626	4686826,872	2534675,019	13,680	BVIA
627	4686829,470	2534677,053	13,721	EVIA
628	4686831,916	2534679,188	13,757	BVIA
629	4686832,933	2534679,235	13,740	CERCA
630	4686834,146	2534679,645	13,710	PARAMENTO

631	4686833,190	2534679,055	13,657	PALTA
632	4686828,748	2534671,713	13,665	RDAP
633	4686833,714	2534664,348	13,777	RDAS
634	4686835,743	2534661,917	13,728	RDAP
635	4686835,414	2534661,654	13,770	PARAMENTO
636	4686836,737	2534662,749	13,619	BVIA
637	4686838,929	2534664,625	13,675	EVIA
638	4686841,399	2534666,194	13,618	BVIA
639	4686843,909	2534668,006	13,608	PARAMENTO
640	4686843,156	2534667,262	13,667	PARAMENTO
641	4686841,297	2534667,533	13,487	SAGUA
642	4686841,633	2534668,085	13,611	RDAP
643	4686841,027	2534656,757	13,594	ARBOL
644	4686843,426	2534651,637	13,640	PARAMENTO
645	4686844,233	2534652,301	13,582	BVIA
646	4686846,649	2534653,958	13,710	EVIA
647	4686849,096	2534655,544	13,669	BVIA
648	4686850,382	2534656,363	13,894	PARAMENTO
649	4686851,071	2534657,056	13,972	PARAMENTO
650	4686852,959	2534652,494	13,654	PALTA
651	4686852,637	2534651,531	13,602	SAGUA
652	4686853,230	2534652,487	13,925	SARDINEL
653	4686854,224	2534653,200	13,939	PARAMENTO
654	4686856,599	2534647,444	13,805	RDAS
655	4686856,523	2534648,033	13,751	SAGUA
656	4686858,424	2534645,482	13,685	SAGUA
657	4686859,602	2534645,937	14,040	PARAMENTO
658	4686858,613	2534645,189	14,026	SARDINEL
659	4686852,632	2534651,943	13,699	ANDEN
660	4686853,194	2534652,420	13,749	ANDEN
661	4686855,809	2534648,956	13,739	ANDEN
662	4686855,089	2534648,453	13,723	ANDEN
663	4686854,937	2534648,230	13,686	ANDEN
664	4686857,799	2534644,535	13,693	ANDEN
665	4686857,645	2534644,452	13,594	BVIA
666	4686855,936	2534642,635	13,665	EVIA
667	4686854,082	2534640,807	13,554	BVIA
668	4686853,047	2534639,921	13,673	PARAMENTO
669	4686851,617	2534641,256	13,654	PARAMENTO
670	4686851,518	2534641,980	13,779	RDAP
671	4686852,231	2534641,285	13,631	RDAP

672	4686852,708	2534640,683	13,713	RDAS
673	4686852,157	2534638,950	13,666	PARAMENTO
674	4686852,207	2534640,986	13,416	SAGUA
675	4686862,234	2534640,451	13,591	SAGUA
676	4686864,832	2534637,156	13,627	ARBOL
677	4686863,308	2534638,852	13,607	ARBOL
678	4686867,229	2534634,168	13,559	ARBOL
679	4686868,844	2534631,678	13,600	ARBOL
680	4686868,442	2534633,277	13,578	RGAS
681	4686861,845	2534631,623	13,567	ARBOL
682	4686862,688	2534640,432	13,614	SARDINEL
683	4686861,623	2534639,694	13,586	ANDEN
684	4686867,009	2534633,058	13,546	SAGUA
685	4686865,426	2534637,194	13,628	SARDINEL
686	4686864,333	2534636,248	13,633	ANDEN
687	4686864,160	2534636,072	13,563	BVIA
688	4686862,943	2534634,831	13,576	EVIA
689	4686861,238	2534633,213	13,616	BVIA
690	4686859,404	2534630,897	13,554	PARAMENTO
691	4686864,658	2534627,590	13,517	RDAP
692	4686863,603	2534626,899	13,562	PARAMENTO
693	4686862,290	2534625,631	13,616	PARAMENTO
694	4686864,775	2534628,079	13,608	SARDINEL
695	4686858,767	2534634,221	13,651	SARDINEL
696	4686858,356	2534633,792	13,517	SARDINEL
697	4686866,475	2534627,559	13,597	BVIA
698	4686867,900	2534629,033	13,576	EVIA
699	4686869,300	2534630,338	13,487	BVIA
700	4686869,234	2534630,755	13,563	ANDEN
701	4686869,768	2534632,170	13,673	SARDINEL
702	4686870,744	2534632,953	13,677	PARAMENTO
703	4686870,447	2534632,769	13,514	SAGUA
704	4686877,829	2534638,087	13,631	ANDEN
705	4686877,144	2534638,752	13,787	PARAMENTO
706	4686879,655	2534640,928	13,444	PARAMENTO
707	4686880,439	2534639,902	13,393	BVIA
708	4686881,500	2534638,287	13,410	EVIA
709	4686882,618	2534636,922	13,592	BVIA
710	4686883,930	2534635,801	13,415	PARAMENTO
711	4686874,723	2534635,223	13,495	BVIA
712	4686876,252	2534633,456	13,455	EVIA

713	4686878,088	2534631,683	13,511	BVIA
714	4686873,592	2534627,292	13,511	BVIA
715	4686871,371	2534628,660	13,502	EVIA
716	4686869,779	2534626,920	13,555	EVIA
717	4686868,236	2534625,191	13,593	BVIA
718	4686869,970	2534623,133	13,607	BVIA
719	4686871,950	2534624,812	13,579	EVIA
720	4686875,282	2534626,539	13,562	PALTA
721	4686875,672	2534626,099	13,572	ARBOL
722	4686876,657	2534624,682	13,531	ARBOL
723	4686879,489	2534621,669	13,600	ARBOL
724	4686882,279	2534618,783	13,477	ARBOL
725	4686886,053	2534614,821	13,698	ARBOL
726	4686882,390	2534619,328	13,507	SAGUA
727	4686876,322	2534627,738	13,526	PARAMENTO
728	4686868,693	2534619,291	13,638	PARAMENTO
729	4686870,164	2534621,038	13,612	SARDINEL
730	4686881,389	2534622,445	13,625	PARAMENTO
731	4686880,524	2534621,353	13,809	SARDINEL
732	4686879,275	2534613,430	13,613	RGAS
733	4686877,808	2534610,772	13,469	PARAMENTO
734	4686878,084	2534610,854	13,505	SARDINEL
735	4686879,351	2534612,440	13,497	SARDINEL
736	4686880,115	2534613,214	13,532	BVIA
737	4686882,055	2534614,755	13,610	EVIA
738	4686884,105	2534616,869	13,555	BVIA
739	4686884,560	2534617,392	13,775	SARDINEL
740	4686885,528	2534618,536	13,840	PARAMENTO
741	4686880,705	2534620,209	13,775	RDAP
742	4686880,621	2534621,227	13,491	SAGUA
743	4686888,470	2534612,702	13,648	PALTA
744	4686888,749	2534613,039	13,621	SARDINEL
745	4686889,935	2534614,157	13,649	SARDINEL
746	4686890,106	2534614,275	13,780	PARAMENTO
747	4686894,211	2534609,808	13,625	PARAMENTO
748	4686893,595	2534609,217	13,560	PARAMENTO
749	4686892,715	2534607,942	13,463	BVIA
750	4686890,455	2534605,859	13,518	EVIA
751	4686888,140	2534603,956	13,484	BVIA
752	4686894,646	2534607,224	13,705	RGAS
753	4686899,496	2534603,467	13,542	PARAMENTO

754	4686903,443	2534600,029	13,584	PARAMENTO
755	4686911,499	2534595,050	13,634	PARAMENTO
756	4686920,541	2534606,923	13,481	PARAMENTO
757	4686919,378	2534607,507	13,399	BVIA
758	4686917,034	2534609,267	13,438	EVIA
759	4686914,729	2534611,171	13,427	BVIA
760	4686914,029	2534611,755	13,543	PARAMENTO
761	4686913,454	2534611,076	13,604	PARAMENTO
762	4686912,309	2534611,874	13,595	PARAMENTO
763	4686908,381	2534606,163	13,575	PARAMENTO
764	4686909,875	2534604,638	13,479	BVIA
765	4686912,279	2534603,130	13,459	EVIA
766	4686915,018	2534601,349	13,362	BVIA
767	4686916,019	2534600,605	13,481	PARAMENTO
768	4686909,475	2534593,106	13,357	BVIA
769	4686906,525	2534595,597	13,330	EVIA
770	4686904,031	2534597,661	13,413	BVIA
771	4686901,319	2534595,138	13,421	EVIA
772	4686899,425	2534592,274	13,477	BVIA
773	4686901,409	2534590,125	13,433	EVIA
774	4686903,165	2534588,278	13,434	BVIA
775	4686906,568	2534590,548	13,384	EVIA
776	4686903,541	2534592,541	13,442	EVIA
777	4686897,007	2534591,316	13,763	CERCA
778	4686891,033	2534580,551	13,855	CERCA
779	4686891,566	2534580,088	13,639	PARAMENTO
780	4686888,463	2534576,001	13,535	PARAMENTO
781	4686889,237	2534575,604	13,718	BVIA
782	4686890,120	2534575,126	13,747	EVIA
783	4686891,496	2534574,415	13,585	BVIA
784	4686892,560	2534573,823	13,680	PARAMENTO
785	4686895,213	2534572,367	13,662	PARAMENTO
786	4686895,711	2534577,274	14,195	BVIA
787	4686898,454	2534580,793	13,521	EVIA
788	4686894,912	2534583,798	13,530	BVIA
789	4686903,419	2534585,763	13,672	PARAMENTO
790	4686899,147	2534580,355	13,686	SARDINEL
791	4686902,908	2534586,843	13,666	SARDINEL
792	4686903,440	2534586,983	13,671	SARDINEL
793	4686910,449	2534592,618	13,472	PBAJA
794	4686910,177	2534593,070	13,399	PBAJA

795	4686910,493	2534592,991	13,451	SARDINEL
796	4686921,911	2534582,299	13,289	SARDINEL
797	4686922,604	2534583,194	13,522	SARDINEL
798	4686923,304	2534584,105	13,308	PARAMENTO
799	4686921,859	2534581,999	13,315	BVIA
800	4686920,112	2534579,689	13,358	EVIA
801	4686918,527	2534577,306	13,467	BVIA
802	4686918,075	2534576,577	13,669	SARDINEL
803	4686917,339	2534575,588	13,686	PARAMENTO
804	4686922,079	2534573,692	13,568	SARDINEL
805	4686921,370	2534572,925	13,543	PARAMENTO
806	4686922,409	2534573,341	13,386	CERCA
807	4686928,638	2534577,557	13,552	SARDINEL
808	4686929,184	2534578,883	13,566	PARAMENTO
809	4686935,920	2534585,434	13,498	PARAMENTO
810	4686936,189	2534585,122	13,327	SARDINEL
811	4686937,074	2534584,369	13,320	PARAMENTO
812	4686939,688	2534586,772	13,297	PARAMENTO
813	4686939,962	2534586,387	13,232	BVIA
814	4686941,296	2534584,759	13,138	EVIA
815	4686942,470	2534583,465	13,160	BVIA
816	4686943,075	2534582,908	13,221	PARAMENTO
817	4686938,759	2534578,622	13,359	PARAMENTO
818	4686938,055	2534579,121	13,270	BVIA
819	4686936,604	2534580,570	13,178	EVIA
820	4686935,188	2534582,115	13,215	BVIA
821	4686934,073	2534582,947	13,479	SARDINEL
822	4686928,287	2534575,997	13,283	BVIA
823	4686926,658	2534574,442	13,330	EVIA
824	4686925,218	2534572,801	13,400	BVIA
825	4686924,660	2534572,095	13,484	CERCA
826	4686927,686	2534568,620	13,457	CERCA
827	4686928,596	2534569,128	13,390	BVIA
828	4686930,063	2534570,668	13,312	EVIA
829	4686931,522	2534572,433	13,192	BVIA
830	4686929,810	2534574,616	13,267	EVIA
831	4686928,092	2534573,083	13,286	EVIA
832	4686932,937	2534571,731	13,455	PBAJA
833	4686933,681	2534573,368	13,396	PARAMENTO
834	4686933,810	2534573,572	13,373	SAGUA
835	4686934,625	2534568,958	13,418	ARBOL

836	4686930,173	2534564,267	13,714	CERCA
837	4686934,941	2534566,818	13,187	BVIA
838	4686932,957	2534565,724	13,237	EVIA
839	4686931,010	2534564,568	13,232	BVIA
840	4686933,119	2534557,994	13,403	BVIA
841	4686935,710	2534558,710	13,296	EVIA
842	4686938,293	2534559,866	13,255	BVIA
843	4686940,475	2534562,034	13,264	PUNTO
844	4686936,596	2534567,815	13,195	PUNTO
845	4686938,077	2534569,011	13,344	PARAMENTO
846	4686942,854	2534563,968	13,521	PARAMENTO
847	4686947,889	2534558,205	13,493	PARAMENTO
848	4686943,191	2534558,015	13,493	RDAS
849	4686941,279	2534556,657	13,308	PUNTO
850	4686942,209	2534554,062	13,347	PUNTO
851	4686944,055	2534554,786	13,479	PARAMENTO
852	4686941,118	2534552,198	13,369	PBAJA
853	4686940,172	2534552,973	13,307	BVIA
854	4686937,028	2534552,328	13,243	EVIA
855	4686933,643	2534551,845	13,352	BVIA
856	4686929,042	2534557,609	13,792	COLEGIO
857	4686920,891	2534542,021	13,414	COLEGIO
858	4686911,572	2534545,291	13,553	COLEGIO
859	4686910,935	2534543,827	13,742	BPAVCON
860	4686907,919	2534538,114	13,715	BPAVCON
861	4686907,590	2534537,147	13,858	ANDEN
862	4686906,364	2534533,460	14,056	PARAMENTO
863	4686916,689	2534532,426	13,871	ANDEN
864	4686917,201	2534533,657	13,676	BPAVCON
865	4686920,462	2534539,251	13,722	BPAVCON
866	4686925,614	2534528,662	13,759	BPAVCON
867	4686925,166	2534527,362	13,869	ANDEN
868	4686919,685	2534526,549	13,792	PARAMENTO
869	4686921,024	2534529,604	13,702	SARDINEL
870	4686929,119	2534534,309	13,750	BPAVCON
871	4686934,563	2534530,960	13,685	BPAVCON
872	4686940,725	2534527,073	13,744	BPAVCON
873	4686947,030	2534523,091	13,666	BPAVCON
874	4686952,485	2534519,508	13,686	BPAVCON
875	4686965,785	2534511,196	13,647	BPAVCON
876	4686968,921	2534517,392	14,113	PARAMENTO

877	4686962,001	2534506,081	13,670	BPAVCON
878	4686960,064	2534503,840	13,708	SARDINEL
879	4686959,025	2534502,044	13,724	PARAMENTO
880	4686948,434	2534514,463	13,687	BPAVCON
881	4686942,910	2534512,380	13,763	PARAMENTO
882	4686943,825	2534513,958	13,707	SARDINEL
883	4686944,535	2534514,902	13,685	SARDINEL
884	4686942,155	2534518,342	13,691	BPAVCON
885	4686936,917	2534521,744	13,701	BPAVCON
886	4686935,935	2534520,472	13,980	SARDINEL
887	4686935,722	2534520,214	13,998	SARDINEL
888	4686932,103	2534524,790	13,728	BPAVCON
889	4686934,521	2534531,528	13,489	BVIA
890	4686940,745	2534527,580	13,567	EVIA
891	4686947,838	2534523,095	13,594	BVIA
892	4686949,443	2534528,258	13,722	PARAMENTO
893	4686949,804	2534528,848	13,728	PARAMENTO
894	4686947,420	2534528,152	13,656	SARDINEL
895	4686944,952	2534531,396	13,475	BVIA
896	4686940,304	2534533,687	13,318	EVIA
897	4686934,272	2534536,164	13,511	BVIA
898	4686941,448	2534527,673	13,260	VALBULA
899	4686944,278	2534535,951	13,550	RDAS
900	4686943,038	2534538,888	13,438	ARBOL
901	4686945,042	2534536,635	13,712	SARDINEL
902	4686948,031	2534537,326	13,716	PARAMENTO
903	4686942,217	2534541,257	13,243	BVIA
904	4686938,571	2534541,593	13,280	EVIA
905	4686934,978	2534541,925	13,394	BVIA
906	4686933,944	2534546,106	13,572	ARBOL
RF173	4686588,046	2534755,750	13,264	REFERENCIA
RF174	4686528,750	2534806,927	13,292	REFERENCIA
RF175	4686441,585	2534803,475	13,235	REFERENCIA
RF176	4686391,180	2534789,135	13,165	REFERENCIA
RF177	4686946,518	2534515,546	13,841	REFERENCIA
RF178	4686875,357	2534555,398	13,671	REFERENCIA

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Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA
CARTERA DE COORDENADA CALLE 127 CONFACOR

Numero	Este	Norte	Elevacion	Codigo
1	4688188,810	2533926,150	11,889	VERIFICACION
2	4688275,364	2534010,068	10,851	CERCA
3	4688273,654	2534011,774	11,064	BVIA
4	4688271,483	2534014,021	11,144	EVIA
5	4688269,380	2534016,135	11,097	BVIA
6	4688267,986	2534017,084	10,989	HCANAL
7	4688264,929	2534019,581	9,492	FCANAL
8	4688256,769	2534005,780	10,308	HUSILLO
9	4688253,920	2534009,978	8,931	FCANAL
10	4688257,150	2534007,131	11,020	HCANAL
11	4688258,571	2534005,358	11,104	BVIA
12	4688260,429	2534003,529	11,220	EVIA
13	4688262,771	2534000,717	11,204	BVIA
14	4688264,226	2533999,208	11,199	CERCA
15	4688261,034	2533998,601	11,262	EVIA
16	4688259,887	2533997,431	11,252	BVIA
17	4688263,097	2533999,113	10,129	HUSILLO
18	4688262,735	2533994,270	11,457	ANDEN
19	4688262,104	2533994,590	11,448	ANDEN
20	4688261,373	2533994,353	11,416	ANDEN
21	4688262,029	2533993,612	11,567	SARDINEL
22	4688262,264	2533991,187	11,554	PARAMENTO
23	4688267,467	2533987,725	11,620	SARDINEL
24	4688268,168	2533988,364	11,343	ANDEN
25	4688268,300	2533988,411	11,262	BVIA
26	4688269,341	2533989,427	11,246	EVIA
27	4688270,795	2533990,891	11,086	BVIA
28	4688271,260	2533991,397	10,960	CERCA
29	4688270,742	2533981,951	11,588	PARAMENTO
30	4688271,742	2533983,126	11,547	SARDINEL
31	4688257,637	2533999,742	11,215	EVIA
32	4688255,157	2534002,210	11,153	BVIA
33	4688253,156	2534001,807	11,278	ARBOL
34	4688255,657	2533991,081	11,582	ARBOL
35	4688258,706	2533993,951	11,217	ARBOL
36	4688252,999	2533988,526	11,262	ARBOL
37	4688252,511	2533990,706	11,299	BVIA

38	4688250,469	2533992,924	11,360	EVIA
39	4688248,177	2533995,256	11,260	BVIA
40	4688246,440	2533995,762	11,110	ARBOL
41	4688241,860	2533991,234	11,316	ARBOL
42	4688251,063	2533983,410	11,482	SARDINEL
43	4688252,031	2533981,740	11,593	PARAMENTO
44	4688250,193	2533983,896	11,410	ANDEN
45	4688248,090	2533983,380	11,389	ARBOL
46	4688186,921	2533920,713	12,008	PARAMENTO
47	4688187,722	2533912,994	11,931	ANDEN
48	4688186,924	2533912,401	11,957	ANDEN
49	4688185,564	2533911,925	12,062	ANDEN
50	4688184,612	2533911,526	11,818	BPAVCON
51	4688178,988	2533909,445	11,841	BPAVCON
52	4688178,091	2533909,061	12,024	ANDEN
53	4688176,289	2533913,985	11,966	ANDEN
54	4688177,092	2533914,375	11,850	BPAVCON
55	4688175,904	2533917,381	11,848	BPAVCON
56	4688173,866	2533923,394	11,819	BPAVCON
57	4688172,916	2533923,109	11,983	ANDEN
58	4688170,859	2533930,454	12,013	ANDEN
59	4688171,898	2533930,736	11,772	BPAVCON
60	4688169,251	2533936,007	11,938	ANDEN
61	4688170,363	2533936,216	11,775	BPAVCON
62	4688169,223	2533939,820	11,803	BPAVCON
63	4688167,928	2533943,939	11,856	BPAVCON
64	4688173,343	2533946,597	11,812	BPAVCON
65	4688174,280	2533947,012	12,011	ANDEN
66	4688176,667	2533939,340	11,961	ANDEN
67	4688175,664	2533938,981	11,785	BPAVCON
68	4688177,964	2533931,059	11,785	BPAVCON
69	4688178,875	2533931,353	11,889	ANDEN
70	4688178,833	2533927,936	11,754	BPAVCON
71	4688180,705	2533922,011	11,819	BPAVCON
72	4688181,567	2533922,289	11,831	ANDEN
73	4688181,948	2533921,026	12,016	RDAS
74	4688183,095	2533921,787	11,996	VALBULA
75	4688182,859	2533921,095	11,964	ANDEN
76	4688182,563	2533920,681	11,945	ANDEN
77	4688182,677	2533919,905	11,940	ANDEN
78	4688183,625	2533920,461	12,024	ANDEN

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Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

79	4688183,887	2533922,091	11,989	ANDEN
80	4688180,892	2533922,015	11,849	BVIA
81	4688179,958	2533924,931	11,799	EVIA
82	4688179,070	2533928,055	11,776	BVIA
83	4688189,120	2533936,880	11,866	BVIA
84	4688191,369	2533934,757	11,875	EVIA
85	4688193,747	2533932,713	11,803	BVIA
86	4688194,552	2533931,826	11,814	ANDEN
87	4688193,077	2533930,898	11,788	RDAS
88	4688197,150	2533930,209	11,914	PARAMENTO
89	4688195,896	2533931,722	11,812	SARDINEL
90	4688196,926	2533934,359	11,800	RDAS
91	4688198,764	2533937,192	11,993	ARBOL
92	4688200,295	2533939,034	11,699	ARBOL
93	4688201,099	2533938,376	11,768	RDAS
94	4688204,128	2533942,319	11,840	ARBOL
95	4688204,011	2533943,198	11,749	BVIA
96	4688202,332	2533945,428	11,879	EVIA
97	4688200,374	2533948,015	11,682	BVIA
98	4688206,268	2533944,860	11,786	ARBOL
99	4688209,612	2533948,096	12,009	ARBOL
100	4688210,882	2533947,866	11,608	HCUNETA
101	4688211,184	2533947,478	11,759	HCUNETA
102	4688210,938	2533947,836	11,242	FCUNETA
103	4688211,120	2533947,626	11,207	FCUNETA
104	4688212,262	2533947,051	11,754	SARDINEL
105	4688212,394	2533948,411	11,717	ANDEN
106	4688212,569	2533944,537	11,774	PARAMENTO
107	4688212,494	2533948,661	11,659	HCUNETA
108	4688212,194	2533948,977	11,547	HCUNETA
109	4688212,551	2533949,228	11,566	HCUNETA
110	4688212,845	2533949,050	11,502	HCUNETA
111	4688212,425	2533948,761	11,024	FCUNETA
112	4688212,616	2533948,956	11,024	FCUNETA
113	4688212,187	2533948,860	11,034	FCUNETA
114	4688212,346	2533949,104	11,039	FCUNETA
115	4688211,398	2533950,901	11,644	BVIA
116	4688209,531	2533952,818	11,685	EVIA
117	4688207,648	2533955,247	11,737	BVIA
118	4688205,576	2533954,939	11,816	PBAJA
119	4688211,388	2533958,615	11,613	BVIA

120	4688213,393	2533956,676	11,560	EVIA
121	4688215,235	2533954,679	11,574	BVIA
122	4688213,547	2533952,989	11,621	EVIA
123	4688211,388	2533959,739	11,305	HCUNETA
124	4688211,281	2533959,573	11,315	HCUNETA
125	4688211,104	2533959,670	10,969	FCUNETA
126	4688211,373	2533959,778	10,939	FCUNETA
127	4688211,520	2533959,773	11,405	BOX
128	4688211,200	2533959,489	11,417	BOX
129	4688212,852	2533961,241	11,521	PALTA
130	4688211,701	2533962,909	11,153	HCUNETA
131	4688211,315	2533962,761	11,073	HCUNETA
132	4688211,410	2533962,939	10,613	FCUNETA
133	4688211,533	2533962,874	10,625	FCUNETA
134	4688211,192	2533955,304	11,639	MH
135	4688217,155	2533953,398	11,428	BOX
136	4688216,778	2533953,140	11,425	BOX
137	4688216,852	2533953,105	11,356	HCUNETA
138	4688217,109	2533953,308	11,341	HCUNETA
139	4688217,100	2533953,317	10,987	FCUNETA
140	4688216,908	2533953,102	11,000	FCUNETA
141	4688218,108	2533953,874	11,477	ANDEN
142	4688217,862	2533953,420	11,477	ANDEN
143	4688217,909	2533952,734	11,473	ANDEN
144	4688218,268	2533952,386	11,482	ANDEN
145	4688218,862	2533955,814	11,623	ARBOL
146	4688221,450	2533953,250	11,589	PARAMENTO
147	4688220,332	2533953,832	11,594	SARDINEL
148	4688225,239	2533958,377	11,492	SARDINEL
149	4688224,859	2533958,895	11,507	SARDINEL
150	4688224,287	2533959,606	11,464	ANDEN
151	4688222,082	2533958,905	11,376	ARBOL
152	4688224,371	2533962,235	11,428	BVIA
153	4688222,306	2533964,495	11,386	EVIA
154	4688220,559	2533967,226	11,404	BVIA
155	4688228,132	2533975,846	11,339	BVIA
156	4688229,861	2533973,970	11,410	EVIA
157	4688232,221	2533971,447	11,646	BVIA
158	4688234,186	2533971,871	11,441	ARBOL
159	4688238,855	2533976,164	12,410	ARBOL
160	4688245,456	2533978,280	11,407	SARDINEL

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Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

161	4688244,904	2533978,868	11,445	ANDEN
162	4688246,608	2533977,137	11,613	PARAMENTO
163	4688241,169	2533978,039	11,456	ARBOL
164	4688248,418	2533983,441	11,446	ARBOL
165	4688244,109	2533981,649	11,387	BVIA
166	4688241,825	2533983,537	11,690	EVIA
167	4688240,174	2533985,004	11,577	BVIA
168	4688215,641	2533943,584	11,739	SARDINEL
169	4688214,691	2533942,634	11,703	PARAMENTO
170	4688219,044	2533941,243	11,718	ANDEN
171	4688218,218	2533940,720	11,739	ANDEN
172	4688219,161	2533941,408	11,635	HCUNETA
173	4688219,356	2533941,653	11,395	HCUNETA
174	4688219,278	2533941,686	11,033	FCUNETA
175	4688219,072	2533941,402	11,044	FCUNETA
176	4688219,697	2533942,184	11,460	BVIA
177	4688221,726	2533943,898	11,506	EVIA
178	4688223,524	2533945,306	11,414	BVIA
179	4688223,962	2533945,624	11,330	HCUNETA
180	4688224,176	2533945,882	11,322	HCUNETA
181	4688224,152	2533945,908	10,994	FCUNETA
182	4688223,839	2533945,668	10,995	FCUNETA
183	4688224,343	2533945,852	11,417	ANDEN
184	4688225,175	2533946,508	11,425	ANDEN
185	4688230,531	2533943,006	11,529	PARAMENTO
186	4688229,425	2533941,973	11,405	SARDINEL
187	4688233,080	2533936,442	11,369	HCUNETA
188	4688232,753	2533936,226	11,373	HCUNETA
189	4688232,739	2533936,241	11,015	FCUNETA
190	4688233,016	2533936,514	11,029	FCUNETA
191	4688232,618	2533935,946	11,378	BVIA
192	4688230,999	2533934,537	11,476	EVIA
193	4688228,569	2533932,609	11,446	BVIA
194	4688228,181	2533932,191	11,406	HCUNETA
195	4688227,929	2533931,954	11,417	HCUNETA
196	4688228,187	2533932,279	11,068	FCUNETA
197	4688227,865	2533932,094	11,046	FCUNETA
198	4688227,716	2533932,054	11,669	ANDEN
199	4688227,001	2533931,350	11,670	ANDEN
200	4688230,210	2533927,978	11,764	SARDINEL
201	4688230,615	2533925,246	11,826	PARAMENTO

202	4688234,598	2533924,678	11,929	SARDINEL
203	4688234,771	2533924,576	11,576	ANDEN
204	4688234,728	2533924,176	11,613	ANDEN
205	4688235,687	2533924,670	11,456	BVIA
206	4688237,473	2533926,243	11,507	EVIA
207	4688239,234	2533928,351	11,445	BVIA
208	4688240,622	2533926,944	11,455	EVIA
209	4688242,084	2533925,488	11,482	BVIA
210	4688240,743	2533923,924	11,522	EVIA
211	4688238,805	2533921,661	11,520	BVIA
212	4688237,608	2533922,648	11,524	EVIA
213	4688237,067	2533922,700	11,435	HCUNETA
214	4688236,723	2533922,493	11,441	HCUNETA
215	4688236,804	2533922,532	11,127	FCUNETA
216	4688237,030	2533922,759	11,126	FCUNETA
217	4688238,211	2533919,274	11,576	SARDINEL
218	4688239,964	2533917,364	11,597	SARDINEL
219	4688238,662	2533916,749	11,605	PARAMENTO
220	4688236,543	2533918,454	11,490	RDAP
221	4688232,844	2533915,830	11,461	BVIA
222	4688231,408	2533917,267	11,505	EVIA
223	4688229,753	2533918,930	11,511	BVIA
224	4688227,507	2533917,318	11,575	RDAS
225	4688226,165	2533916,024	11,592	RDAS
226	4688222,806	2533912,815	11,640	HCUNETA
227	4688222,663	2533912,951	11,667	HCUNETA
228	4688222,688	2533912,928	11,332	FCUNETA
229	4688222,768	2533912,702	11,337	FCUNETA
230	4688222,133	2533913,742	11,676	SARDINEL
231	4688221,043	2533915,551	11,800	PARAMENTO
232	4688225,213	2533907,218	11,657	SARDINEL
233	4688226,884	2533905,995	11,673	PARAMENTO
234	4688222,991	2533906,412	11,460	RDAS
235	4688215,983	2533899,851	11,600	ANDEN
236	4688209,444	2533900,594	11,709	HCUNETA
237	4688209,622	2533900,461	11,686	HCUNETA
238	4688209,595	2533900,453	11,519	FCUNETA
239	4688209,405	2533900,656	11,385	FCUNETA
240	4688220,940	2533910,693	11,661	BVIA
241	4688222,498	2533909,070	11,564	EVIA
242	4688223,951	2533907,545	11,519	BVIA

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243	4688211,369	2533894,246	11,660	SARDINEL
244	4688210,707	2533894,999	11,640	ANDEN
245	4688210,541	2533895,133	11,628	BVIA
246	4688209,215	2533896,636	11,628	EVIA
247	4688207,738	2533898,326	11,664	BVIA
248	4688207,471	2533898,759	11,692	ANDEN
249	4688206,831	2533899,524	11,904	SARDINEL
250	4688205,481	2533898,353	11,895	SARDINEL
251	4688205,451	2533900,897	11,963	PARAMENTO
252	4688201,719	2533904,673	12,019	PARAMENTO
253	4688207,275	2533890,804	11,871	SARDINEL
254	4688209,093	2533889,408	12,109	PARAMENTO
255	4688212,049	2533886,190	12,437	PARAMENTO
256	4688205,162	2533890,118	11,760	BVIA
257	4688203,961	2533891,815	11,726	EVIA
258	4688202,493	2533893,755	11,746	BVIA
259	4688202,128	2533894,151	11,795	ANDEN
260	4688201,700	2533894,824	11,768	ANDEN
261	4688199,103	2533892,535	11,876	ANDEN
262	4688199,306	2533891,174	12,039	ANDEN
263	4688198,744	2533891,707	12,056	ANDEN
264	4688195,514	2533887,377	11,902	BVIA
265	4688196,600	2533885,536	11,902	EVIA
266	4688197,804	2533883,090	11,910	BVIA
267	4688197,660	2533882,977	11,876	BPAVCON
268	4688196,643	2533884,963	11,887	BPAVCON
269	4688195,512	2533887,078	11,886	BPAVCON
270	4688195,550	2533889,113	11,905	ANDEN
271	4688198,446	2533881,757	11,974	ANDEN
272	4688199,183	2533882,214	12,013	ANDEN
273	4688202,347	2533875,845	12,124	ANDEN
274	4688201,475	2533875,496	11,914	BPAVCON
275	4688196,252	2533872,692	11,878	BPAVCON
276	4688195,264	2533872,315	12,117	ANDEN
277	4688200,335	2533862,489	12,079	ANDEN
278	4688201,294	2533862,727	11,855	BPAVCON
279	4688206,601	2533865,693	11,893	BPAVCON
280	4688207,544	2533866,136	12,136	ANDEN
281	4688193,454	2533878,125	11,861	BPAVCON
282	4688192,518	2533877,648	12,127	ANDEN
283	4688188,650	2533885,272	12,070	ANDEN

284	4688189,555	2533885,765	11,880	BPAVCON
285	4688194,732	2533888,690	11,916	BPAVCON
286	4688190,563	2533899,695	12,127	ANDEN
287	4688189,563	2533899,305	11,860	BPAVCON
288	4688184,074	2533896,998	11,892	BPAVCON
289	4688183,229	2533896,555	12,152	ANDEN
290	4688230,925	2533924,790	11,910	PARAMENTO
291	4688239,972	2533930,570	11,449	SARDINEL
292	4688239,814	2533929,292	11,472	ANDEN
293	4688239,749	2533933,016	11,590	PARAMENTO
294	4688245,776	2533935,911	11,445	SARDINEL
295	4688246,385	2533935,176	11,447	ANDEN
296	4688246,579	2533934,855	11,406	BVIA
297	4688247,805	2533933,508	11,436	EVIA
298	4688248,984	2533932,060	11,484	BVIA
299	4688250,181	2533930,467	11,570	SARDINEL
300	4688249,542	2533931,173	11,523	ANDEN
301	4688243,319	2533925,394	11,521	ANDEN
302	4688244,727	2533925,391	11,574	SARDINEL
303	4688247,217	2533925,033	11,713	PARAMENTO
304	4688254,896	2533937,326	11,566	ARBOL
305	4688256,558	2533948,072	11,285	PARAMENTO
306	4688257,540	2533946,832	11,389	SARDINEL
307	4688258,179	2533946,078	11,379	ANDEN
308	4688258,612	2533945,841	11,357	BVIA
309	4688259,894	2533944,302	11,351	EVIA
310	4688260,946	2533942,671	11,353	BVIA
311	4688261,986	2533941,586	11,296	SARDINEL
312	4688261,291	2533942,276	11,278	ANDEN
313	4688268,714	2533957,345	11,541	SARDINEL
314	4688269,440	2533956,573	11,378	ANDEN
315	4688269,797	2533956,109	11,327	BVIA
316	4688271,205	2533954,698	11,382	EVIA
317	4688272,495	2533953,275	11,290	BVIA
318	4688272,804	2533952,903	11,299	ANDEN
319	4688273,427	2533952,148	11,361	SARDINEL
320	4688274,612	2533950,597	11,514	PARAMENTO
321	4688287,939	2533965,757	11,280	SARDINEL
322	4688287,232	2533966,403	11,282	ANDEN
323	4688287,886	2533966,700	11,267	ANDEN
324	4688288,740	2533966,328	11,295	ANDEN

325	4688291,226	2533963,620	11,300	ANDEN
326	4688290,508	2533962,890	11,340	SARDINEL
327	4688294,158	2533959,301	11,357	SARDINEL
328	4688293,946	2533957,704	11,300	PARAMENTO
329	4688294,718	2533958,471	11,189	SARDINEL
330	4688295,416	2533958,980	11,232	ANDEN
331	4688295,729	2533959,263	11,271	BVIA
332	4688296,318	2533960,398	11,508	EVIA
333	4688297,465	2533961,600	11,532	BVIA
334	4688288,029	2533967,202	11,247	BVIA
335	4688288,722	2533968,450	11,319	EVIA
336	4688290,321	2533969,552	11,445	BVIA
337	4688291,052	2533970,307	11,535	CERCA
338	4688286,426	2533969,139	11,391	EVIA
339	4688285,041	2533970,391	11,394	BVIA
340	4688285,212	2533970,839	11,178	EVIA
341	4688287,630	2533972,925	11,542	BVIA
342	4688287,883	2533973,671	11,239	CERCA
343	4688287,265	2533970,253	11,437	EVIA
344	4688288,508	2533963,406	11,319	PARAMENTO
345	4688284,254	2533970,327	11,367	ANDEN
346	4688284,385	2533970,955	11,357	ANDEN
347	4688283,963	2533971,474	11,297	ANDEN
348	4688283,197	2533970,747	11,489	SARDINEL
349	4688283,140	2533970,827	11,334	ANDEN
350	4688280,782	2533971,214	11,633	PARAMENTO
351	4688277,723	2533976,883	11,368	SARDINEL
352	4688278,270	2533977,522	11,350	ANDEN
353	4688278,312	2533977,560	11,323	BVIA
354	4688279,297	2533978,508	11,333	EVIA
355	4688280,823	2533980,045	11,404	BVIA
356	4688281,376	2533980,718	11,216	CERCA
357	4688251,842	2533917,942	11,603	SARDINEL
358	4688251,117	2533917,145	11,551	ANDEN
359	4688250,533	2533916,560	11,552	BVIA
360	4688249,504	2533915,169	11,563	EVIA
361	4688247,491	2533912,853	11,519	BVIA
362	4688246,845	2533912,187	11,458	HCUNETA
363	4688246,590	2533911,938	11,457	HCUNETA
364	4688246,615	2533911,936	11,108	FCUNETA
365	4688246,797	2533912,205	11,116	FCUNETA

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366	4688247,697	2533906,964	11,613	PARAMENTO
367	4688248,902	2533908,009	11,603	SARDINEL
368	4688248,592	2533908,257	11,481	ANDEN
369	4688249,242	2533909,020	11,469	ANDEN
370	4688265,861	2533902,710	11,596	SARDINEL
371	4688265,783	2533901,328	11,499	ANDEN
372	4688265,553	2533905,317	11,689	PARAMENTO
373	4688265,512	2533901,487	11,470	HCUNETA
374	4688265,230	2533901,234	11,490	HCUNETA
375	4688265,257	2533901,251	11,162	FCUNETA
376	4688265,644	2533901,499	11,188	FCUNETA
377	4688265,596	2533900,629	11,522	BVIA
378	4688267,262	2533899,115	11,490	EVIA
379	4688268,579	2533897,599	11,475	BVIA
380	4688266,973	2533896,177	11,522	EVIA
381	4688264,359	2533893,818	11,535	BVIA
382	4688263,091	2533895,126	11,492	EVIA
383	4688261,531	2533897,035	11,553	BVIA
384	4688263,691	2533899,022	11,528	EVIA
385	4688265,366	2533897,038	11,522	EVIA
386	4688259,356	2533896,671	11,718	SARDINEL
387	4688260,745	2533896,674	11,610	ANDEN
388	4688256,776	2533897,468	11,924	PARAMENTO
389	4688264,093	2533892,911	11,528	ANDEN
390	4688264,157	2533891,482	11,542	ANDEN
391	4688264,143	2533891,446	11,780	SARDINEL
392	4688264,423	2533888,998	11,839	PARAMENTO
393	4688258,057	2533887,700	11,468	BVIA
394	4688256,619	2533889,140	11,541	EVIA
395	4688255,103	2533891,040	11,504	BVIA
396	4688243,606	2533884,707	11,627	PARAMENTO
397	4688245,203	2533883,433	11,579	SARDINEL
398	4688245,958	2533882,648	11,474	ANDEN
399	4688246,171	2533882,310	11,497	BVIA
400	4688247,428	2533880,896	11,567	EVIA
401	4688249,043	2533879,187	11,553	BVIA
402	4688249,293	2533878,807	11,539	ANDEN
403	4688249,950	2533878,145	11,565	SARDINEL
404	4688248,822	2533874,330	11,777	PARAMENTO
405	4688247,524	2533875,877	11,565	SARDINEL
406	4688270,742	2533897,584	11,450	ANDEN

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407	4688270,750	2533897,572	11,611	SARDINEL
408	4688273,638	2533896,658	11,721	PARAMENTO
409	4688276,129	2533902,693	11,449	SARDINEL
410	4688275,382	2533903,412	11,419	ANDEN
411	4688275,111	2533903,955	11,424	BVIA
412	4688273,830	2533905,303	11,428	EVIA
413	4688272,455	2533906,848	11,438	BVIA
414	4688272,169	2533907,202	11,473	ANDEN
415	4688271,536	2533907,931	11,551	SARDINEL
416	4688281,791	2533919,914	11,742	PARAMENTO
417	4688283,085	2533918,634	11,539	SARDINEL
418	4688283,671	2533917,868	11,521	ANDEN
419	4688283,702	2533917,872	11,342	BVIA
420	4688285,164	2533916,282	11,360	EVIA
421	4688286,563	2533914,534	11,350	BVIA
422	4688286,957	2533914,212	11,326	ANDEN
423	4688287,585	2533913,380	11,355	SARDINEL
424	4688288,864	2533911,983	11,510	PARAMENTO
425	4688278,737	2533891,226	11,651	PARAMENTO
426	4688277,589	2533890,231	11,503	SARDINEL
427	4688276,851	2533889,481	11,464	ANDEN
428	4688276,195	2533888,978	11,432	BVIA
429	4688274,612	2533887,101	11,556	EVIA
430	4688273,007	2533885,072	11,522	BVIA
431	4688272,323	2533884,322	11,558	ANDEN
432	4688271,626	2533883,564	11,607	SARDINEL
433	4688270,494	2533882,565	11,832	PARAMENTO
434	4688275,903	2533882,145	11,626	ARBOL
435	4688278,242	2533878,554	11,507	HCUENTA
436	4688277,946	2533878,323	11,518	HCUENTA
437	4688277,974	2533878,332	11,173	FCUENTA
438	4688278,190	2533878,526	11,170	FCUENTA
439	4688283,033	2533882,741	11,475	HCUENTA
440	4688282,745	2533882,532	11,450	HCUENTA
441	4688282,742	2533882,574	11,159	FCUENTA
442	4688282,947	2533882,776	11,164	FCUENTA
443	4688287,651	2533881,775	11,734	PARAMENTO
444	4688286,198	2533880,780	11,459	SARDINEL
445	4688285,596	2533880,192	11,488	ANDEN
446	4688284,997	2533879,635	11,457	BVIA
447	4688283,211	2533877,712	11,590	EVIA

448	4688281,080	2533876,117	11,540	BVIA
449	4688280,380	2533875,613	11,506	ANDEN
450	4688279,614	2533874,995	11,531	SARDINEL
451	4688278,499	2533873,971	11,896	PARAMENTO
452	4688287,687	2533868,996	11,673	BVIA
453	4688289,290	2533870,538	11,640	EVIA
454	4688291,800	2533872,545	11,582	BVIA
455	4688293,179	2533871,008	11,606	EVIA
456	4688294,379	2533869,527	11,621	BVIA
457	4688292,601	2533867,766	11,652	EVIA
458	4688290,661	2533865,949	11,621	BVIA
459	4688289,260	2533867,465	11,658	EVIA
460	4688290,907	2533868,975	11,654	BVIA
461	4688290,924	2533864,350	11,654	ANDEN
462	4688290,077	2533864,772	11,625	ANDEN
463	4688289,491	2533864,560	11,620	ANDEN
464	4688290,118	2533863,851	11,656	ANDEN
465	4688290,115	2533863,827	11,875	SARDINEL
466	4688290,546	2533861,356	11,859	PARAMENTO
467	4688284,025	2533858,120	11,881	SARDINEL
468	4688283,353	2533858,751	11,605	ANDEN
469	4688283,144	2533858,889	11,618	BVIA
470	4688281,811	2533860,215	11,662	EVIA
471	4688280,615	2533862,074	11,623	BVIA
472	4688280,203	2533862,666	11,587	ANDEN
473	4688279,585	2533863,376	12,011	SARDINEL
474	4688278,152	2533864,751	11,908	PARAMENTO
475	4688273,782	2533848,499	11,734	ANDEN
476	4688273,224	2533849,304	11,689	ANDEN
477	4688275,072	2533846,946	12,027	PARAMENTO
478	4688272,893	2533849,167	11,461	BVIA
479	4688271,367	2533850,766	11,749	EVIA
480	4688269,689	2533852,402	11,721	BVIA
481	4688269,367	2533852,484	11,756	ANDEN
482	4688268,695	2533853,205	11,829	SARDINEL
483	4688267,275	2533854,559	12,114	PARAMENTO
484	4688286,716	2533868,866	11,577	ANDEN
485	4688286,071	2533869,559	11,548	ANDEN
486	4688285,366	2533868,878	11,576	ANDEN
487	4688285,320	2533868,829	11,870	SARDINEL
488	4688282,856	2533869,382	11,875	PARAMENTO

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489	4688295,322	2533869,858	11,560	HCUENTA
490	4688295,155	2533870,024	11,569	HCUENTA
491	4688295,266	2533869,942	11,263	FCUENTA
492	4688295,216	2533870,002	11,272	FCUENTA
493	4688296,721	2533869,829	11,581	ANDEN
494	4688295,416	2533869,894	11,574	ANDEN
495	4688296,731	2533869,831	11,907	SARDINEL
496	4688299,230	2533869,433	11,941	PARAMENTO
497	4688291,679	2533873,527	11,604	HCUENTA
498	4688291,537	2533873,663	11,505	HCUENTA
499	4688291,685	2533873,817	11,577	HCUENTA
500	4688291,758	2533873,588	11,603	HCUENTA
501	4688292,246	2533873,784	11,572	HCUENTA
502	4688292,317	2533873,568	11,500	HCUENTA
503	4688292,282	2533873,658	11,222	FCUENTA
504	4688292,256	2533873,777	11,212	FCUENTA
505	4688291,666	2533873,780	11,224	FCUENTA
506	4688291,717	2533873,656	11,214	FCUENTA
507	4688291,512	2533873,638	11,213	FCUENTA
508	4688291,642	2533873,478	11,221	FCUENTA
509	4688291,558	2533873,872	11,580	ANDEN
510	4688291,864	2533873,860	11,574	ANDEN
511	4688292,257	2533873,865	11,566	ANDEN
512	4688291,945	2533874,899	11,580	ANDEN
513	4688291,963	2533874,927	11,657	SARDINEL
514	4688291,712	2533877,379	11,716	PARAMENTO
515	4688304,258	2533874,207	11,986	PARAMENTO
516	4688302,943	2533875,673	11,916	SARDINEL
517	4688302,282	2533876,345	11,585	ANDEN
518	4688302,020	2533876,564	11,590	BVIA
519	4688300,480	2533878,078	11,620	EVIA
520	4688299,113	2533879,498	11,573	BVIA
521	4688298,707	2533879,874	11,585	ANDEN
522	4688298,046	2533880,582	11,585	SARDINEL
523	4688296,557	2533881,968	11,744	PARAMENTO
524	4688308,411	2533890,243	11,599	SARDINEL
525	4688306,643	2533891,380	11,735	PARAMENTO
526	4688309,022	2533889,510	11,604	ANDEN
527	4688309,199	2533889,618	11,540	HCUENTA
528	4688309,437	2533889,418	11,502	HCUENTA
529	4688309,419	2533889,538	11,397	FCUENTA

530	4688309,248	2533889,629	11,389	FCUENTA
531	4688309,591	2533889,258	11,630	BVIA
532	4688310,933	2533888,165	11,664	EVIA
533	4688312,424	2533886,716	11,672	BVIA
534	4688312,349	2533886,224	11,571	HCUENTA
535	4688312,574	2533886,070	11,592	HCUENTA
536	4688312,414	2533886,264	11,343	FCUENTA
537	4688312,589	2533886,097	11,363	FCUENTA
538	4688312,537	2533886,054	11,556	ANDEN
539	4688313,198	2533885,341	11,636	SARDINEL
540	4688314,502	2533883,804	11,743	PARAMENTO
541	4688296,135	2533868,787	11,519	HCUENTA
542	4688295,884	2533868,656	11,525	HCUENTA
543	4688295,917	2533868,637	11,211	FCUENTA
544	4688296,185	2533868,851	11,216	FCUENTA
545	4688291,315	2533864,602	11,568	HCUENTA
546	4688291,036	2533864,395	11,566	HCUENTA
547	4688291,022	2533864,414	11,206	FCUENTA
548	4688291,270	2533864,658	11,199	FCUENTA
549	4688293,402	2533860,269	11,753	SAGUA
550	4688297,931	2533853,717	11,863	PARAMENTO
551	4688298,686	2533854,673	11,698	SARDINEL
552	4688299,323	2533855,300	11,693	ANDEN
553	4688299,436	2533855,361	11,545	HCUENTA
554	4688299,666	2533855,641	11,565	HCUENTA
555	4688299,676	2533855,609	11,197	FCUENTA
556	4688299,424	2533855,440	11,193	FCUENTA
557	4688299,756	2533855,820	11,533	BVIA
558	4688301,608	2533857,680	11,761	EVIA
559	4688303,868	2533859,626	11,635	BVIA
560	4688304,580	2533860,107	11,644	ANDEN
561	4688305,323	2533860,741	11,681	SARDINEL
562	4688306,675	2533861,474	12,048	PARAMENTO
563	4688306,295	2533858,038	11,439	SAGUA
564	4688306,496	2533857,876	11,567	HCUENTA
565	4688306,183	2533857,654	11,556	HCUENTA
566	4688306,172	2533857,686	11,221	FCUENTA
567	4688306,434	2533857,912	11,223	FCUENTA
568	4688312,707	2533841,127	11,779	ANDEN
569	4688311,413	2533841,169	11,821	ANDEN
570	4688311,371	2533841,163	12,016	SARDINEL

571	4688308,872	2533841,574	11,969	PARAMENTO
572	4688312,008	2533841,983	11,646	HCUENTA
573	4688312,236	2533842,239	11,664	HCUENTA
574	4688312,135	2533842,297	11,299	FCUENTA
575	4688311,933	2533842,104	11,302	FCUENTA
576	4688313,355	2533841,520	11,746	BVIA
577	4688315,259	2533843,311	11,800	EVIA
578	4688317,469	2533845,148	11,739	BVIA
579	4688319,124	2533843,406	11,758	EVIA
580	4688320,553	2533841,670	11,774	BVIA
581	4688318,688	2533839,741	11,778	EVIA
582	4688316,785	2533838,030	11,715	BVIA
583	4688314,792	2533840,067	11,635	EVIA
584	4688316,660	2533841,754	11,825	EVIA
585	4688317,289	2533845,752	11,644	HCUENTA
586	4688317,624	2533845,992	11,670	HCUENTA
587	4688317,573	2533845,969	11,299	FCUENTA
588	4688317,335	2533845,792	11,304	FCUENTA
589	4688317,288	2533846,579	11,741	ANDEN
590	4688317,800	2533846,237	11,868	ANDEN
591	4688318,736	2533846,469	11,852	ANDEN
592	4688318,070	2533847,251	11,822	SARDINEL
593	4688317,801	2533849,661	11,825	PARAMENTO
594	4688322,522	2533840,886	11,903	PARQUE
595	4688322,055	2533841,520	11,915	PARQUE
596	4688322,020	2533842,366	11,886	PARQUE
597	4688322,473	2533843,128	11,895	PARQUE
598	4688327,108	2533847,557	11,869	PARQUE
599	4688334,161	2533854,215	11,855	PARQUE
600	4688337,263	2533852,226	11,876	PARQUE
601	4688334,164	2533854,362	11,869	BVIA
602	4688332,955	2533856,269	11,855	EVIA
603	4688331,153	2533858,043	11,829	BVIA
604	4688331,101	2533858,110	11,826	ANDEN
605	4688330,427	2533858,804	11,823	SARDINEL
606	4688328,935	2533860,182	11,828	PARAMENTO
607	4688343,736	2533858,448	11,874	PARQUE
608	4688346,559	2533863,068	11,874	PARQUE
609	4688344,594	2533864,404	11,790	BVIA
610	4688343,104	2533865,844	11,787	EVIA
611	4688341,556	2533867,555	11,737	BVIA

612	4688341,345	2533867,751	11,976	ANDEN
613	4688340,662	2533868,348	11,987	SARDINEL
614	4688351,047	2533870,041	11,918	PARQUE
615	4688350,686	2533869,658	11,896	PARQUE
616	4688348,355	2533878,341	11,829	PARAMENTO
617	4688349,768	2533876,919	11,773	SARDINEL
618	4688350,445	2533876,302	11,772	ANDEN
619	4688347,383	2533873,158	11,795	RDAS
620	4688350,583	2533876,167	11,724	BVIA
621	4688352,060	2533874,517	11,762	EVIA
622	4688353,689	2533872,801	11,799	BVIA
623	4688353,921	2533879,170	11,753	RDAS
624	4688364,655	2533882,707	11,890	PARQUE
625	4688365,467	2533882,943	11,910	PARQUE
626	4688366,268	2533882,860	11,892	PARQUE
627	4688366,744	2533882,668	11,911	PARQUE
628	4688371,181	2533877,937	11,905	PARQUE
629	4688371,410	2533878,082	11,782	BVIA
630	4688372,145	2533878,919	11,713	EVIA
631	4688373,335	2533880,111	11,759	BVIA
632	4688374,073	2533880,477	11,914	CERCA
633	4688365,657	2533883,842	11,693	BVIA
634	4688366,550	2533884,551	11,723	EVIA
635	4688368,127	2533886,163	11,754	BVIA
636	4688366,770	2533887,472	11,658	BVIA
637	4688365,086	2533889,832	11,541	BVIA
638	4688365,289	2533890,167	11,529	CERCA
639	4688363,912	2533888,533	11,542	EVIA
640	4688362,930	2533887,563	11,566	BVIA
641	4688364,392	2533885,628	11,616	EVIA
642	4688363,489	2533885,050	11,654	MH
643	4688362,514	2533887,562	11,685	ANDEN
644	4688361,116	2533887,626	11,754	SARDINEL
645	4688358,766	2533887,968	11,826	PARAMENTO
646	4688355,158	2533892,206	11,594	PARAMENTO
647	4688356,032	2533892,969	11,663	SARDINEL
648	4688356,725	2533893,719	11,586	ANDEN
649	4688356,872	2533894,036	11,599	BVIA
650	4688357,797	2533895,044	11,614	EVIA
651	4688359,208	2533896,364	11,636	BVIA
652	4688359,720	2533896,600	11,636	CERCA

653	4688348,040	2533899,324	11,947	PARAMENTO
654	4688349,125	2533900,339	11,899	SARDINEL
655	4688349,882	2533900,969	11,617	ANDEN
656	4688350,116	2533901,124	11,565	BVIA
657	4688351,323	2533902,288	11,523	EVIA
658	4688352,602	2533903,479	11,522	BVIA
659	4688352,876	2533903,646	11,510	CERCA
660	4688337,090	2533863,191	11,768	RDAS
661	4688333,391	2533859,960	11,828	RDAS
662	4688315,608	2533835,929	11,853	ARBOL
663	4688313,095	2533833,545	11,915	ARBOL
664	4688309,625	2533830,240	12,091	PBAJA
665	4688307,908	2533829,539	11,910	BVIA
666	4688305,873	2533831,415	11,868	EVIA
667	4688304,315	2533832,856	11,809	BVIA
668	4688304,196	2533832,510	11,850	RDAS
669	4688304,300	2533833,071	11,822	ANDEN
670	4688303,638	2533833,773	11,816	SARDINEL
671	4688302,076	2533835,080	12,042	PARAMENTO
672	4688305,214	2533825,660	11,768	ARBOL
673	4688297,659	2533826,734	11,870	RDAS
674	4688291,671	2533821,002	11,896	RDAS
675	4688291,918	2533825,519	12,236	PARAMENTO
676	4688293,248	2533823,993	11,850	SARDINEL
677	4688293,849	2533823,342	11,876	ANDEN
678	4688294,075	2533823,234	11,867	BVIA
679	4688295,630	2533821,816	11,927	EVIA
680	4688297,330	2533819,842	12,051	BVIA
681	4688300,752	2533818,437	12,141	ARBOL
682	4688287,381	2533816,890	11,949	RDAS
683	4688293,889	2533814,973	12,067	ARBOL
684	4688283,807	2533813,563	11,986	RDAS
685	4688281,065	2533815,475	12,090	PARAMENTO
686	4688282,494	2533813,988	11,903	SARDINEL
687	4688283,173	2533813,277	11,967	ANDEN
688	4688283,296	2533813,137	11,951	BVIA
689	4688284,864	2533811,730	11,928	EVIA
690	4688286,908	2533809,146	11,928	BVIA
691	4688289,297	2533810,676	12,054	PBAJA
692	4688284,334	2533806,335	11,579	ARBOL
693	4688277,370	2533807,580	12,020	RDAS

694	4688273,599	2533803,892	12,106	RDAS
695	4688278,942	2533800,791	12,288	ARBOL
696	4688275,435	2533796,578	12,425	ARBOL
697	4688268,878	2533799,967	11,981	ANDEN
698	4688268,213	2533799,650	12,001	ANDEN
699	4688267,478	2533800,014	12,074	ANDEN
700	4688268,278	2533800,746	12,071	ANDEN
701	4688268,286	2533800,788	12,081	SARDINEL
702	4688267,969	2533803,224	12,055	PARAMENTO
703	4688263,855	2533807,370	12,145	PARAMENTO
704	4688262,822	2533806,509	12,036	SARDINEL
705	4688262,094	2533805,745	11,481	ANDEN
706	4688251,041	2533806,316	12,246	ANDEN
707	4688250,215	2533805,732	12,038	BPAVCON
708	4688245,643	2533802,074	12,032	BPAVCON
709	4688244,761	2533801,401	12,210	ANDEN
710	4688254,783	2533788,717	12,267	ANDEN
711	4688255,573	2533789,401	12,040	BPAVCON
712	4688260,265	2533793,114	12,074	BPAVCON
713	4688260,407	2533794,546	12,224	ANDEN
714	4688259,625	2533793,862	12,050	BPAVCON
715	4688260,963	2533792,579	12,048	BVIA
716	4688260,802	2533792,449	12,043	BPAVCON
717	4688262,357	2533790,762	12,038	EVIA
718	4688262,197	2533790,653	12,053	BPAVCON
719	4688264,381	2533787,884	12,049	BPAVCON
720	4688264,540	2533787,995	12,053	BVIA
721	4688264,772	2533787,368	12,047	BPAVCON
722	4688265,590	2533788,005	12,089	ANDEN
723	4688268,931	2533799,351	11,989	BVIA
724	4688270,723	2533797,529	11,984	EVIA
725	4688272,719	2533795,502	12,032	BVIA
726	4688270,540	2533781,706	12,294	ANDEN
727	4688269,691	2533781,040	12,061	BPAVCON
728	4688264,907	2533777,456	12,062	BPAVCON
729	4688264,082	2533776,854	12,276	ANDEN
730	4688273,910	2533764,333	12,324	ANDEN
731	4688274,751	2533764,923	12,081	BPAVCON
732	4688279,504	2533768,585	12,073	BPAVCON
733	4688280,393	2533769,232	12,251	ANDEN
734	4688283,856	2533765,835	12,384	PALTA

735	4688284,308	2533764,171	12,214	ANDEN
736	4688283,587	2533763,499	12,081	BPAVCON
737	4688285,957	2533760,638	12,094	BPAVCON
738	4688288,930	2533757,158	12,125	BPAVCON
739	4688289,694	2533757,842	12,123	ANDEN
740	4688284,627	2533753,012	12,121	BPAVCON
741	4688283,828	2533752,313	12,326	ANDEN
742	4688277,882	2533759,423	12,311	ANDEN
743	4688278,606	2533760,112	12,087	BPAVCON
744	4688292,764	2533743,777	12,153	BPAVCON
745	4688291,940	2533743,102	12,345	ANDEN
746	4688298,916	2533735,297	12,397	ANDEN
747	4688299,729	2533735,996	12,169	BPAVCON
748	4688304,207	2533739,948	12,171	BPAVCON
749	4688304,983	2533740,612	12,374	ANDEN
750	4688308,850	2533734,677	12,217	BPAVCON
751	4688309,581	2533735,447	12,340	ANDEN
752	4688310,901	2533732,390	12,185	BPAVCON
753	4688313,074	2533729,935	12,109	BPAVCON
754	4688313,847	2533730,606	12,271	ANDEN
755	4688320,048	2533721,742	12,361	BPAVCON
756	4688321,058	2533722,455	12,488	ANDEN
757	4688315,831	2533717,974	12,209	BPAVCON
758	4688315,036	2533717,280	12,422	ANDEN
759	4688321,914	2533709,455	12,492	ANDEN
760	4688322,720	2533710,139	12,247	BPAVCON
761	4688327,155	2533713,983	12,346	BPAVCON
762	4688327,988	2533714,719	12,495	ANDEN
763	4688287,828	2533758,666	12,114	BVIA
764	4688286,254	2533760,518	12,093	EVIA
765	4688284,364	2533762,860	12,109	BVIA
766	4688293,903	2533760,430	12,311	ARBOL
767	4688294,893	2533761,483	12,042	RGAS
768	4688305,670	2533761,281	12,279	ANDEN
769	4688306,317	2533761,927	12,300	PARAMENTO
770	4688298,594	2533769,027	12,059	ANDEN
771	4688299,899	2533768,932	12,085	SARDINEL
772	4688301,331	2533767,380	12,276	PARAMENTO
773	4688298,736	2533769,337	12,045	BVIA
774	4688297,024	2533770,929	12,066	EVIA
775	4688295,200	2533772,984	12,075	BVIA

776	4688302,173	2533780,447	12,055	ARBOL
777	4688305,335	2533783,912	12,463	ARBOL
778	4688311,888	2533780,033	12,007	SARDINEL
779	4688313,214	2533778,426	12,246	PARAMENTO
780	4688311,054	2533780,560	11,989	ANDEN
781	4688310,955	2533780,900	12,003	BVIA
782	4688309,360	2533782,435	12,051	EVIA
783	4688307,535	2533784,333	12,022	BVIA
784	4688306,620	2533784,245	11,997	ARBOL
785	4688309,127	2533786,333	12,032	ARBOL
786	4688312,711	2533790,917	12,115	ARBOL
787	4688320,859	2533788,387	12,042	SARDINEL
788	4688322,203	2533786,852	12,206	PARAMENTO
789	4688320,118	2533789,128	12,010	ANDEN
790	4688319,927	2533789,343	11,970	BVIA
791	4688318,576	2533790,701	12,036	EVIA
792	4688316,638	2533792,629	11,962	BVIA
793	4688317,276	2533794,077	11,858	ARBOL
794	4688333,270	2533801,314	12,053	SAGUA
795	4688333,061	2533801,480	12,032	RDAS
796	4688333,269	2533801,321	12,208	ANDEN
797	4688333,988	2533800,672	12,262	SARDINEL
798	4688335,314	2533799,200	12,316	PARAMENTO
799	4688332,861	2533801,922	12,004	BVIA
800	4688331,647	2533803,245	11,956	EVIA
801	4688329,635	2533805,173	12,031	BVIA
802	4688328,521	2533804,286	12,169	ARBOL
803	4688326,824	2533802,765	12,104	ARBOL
804	4688325,993	2533802,195	12,244	ARBOL
805	4688330,917	2533807,674	11,949	ARBOL
806	4688335,317	2533811,898	11,840	ARBOL
807	4688341,365	2533808,942	11,959	ANDEN
808	4688342,269	2533809,118	11,957	ANDEN
809	4688342,198	2533809,537	11,767	HCUENTA
810	4688342,440	2533809,748	11,780	HCUENTA
811	4688342,181	2533809,537	11,460	FCUENTA
812	4688342,434	2533809,716	11,463	FCUENTA
813	4688342,344	2533810,235	11,907	BVIA
814	4688344,108	2533811,830	11,977	EVIA
815	4688346,330	2533813,714	11,904	BVIA
816	4688346,778	2533813,724	11,859	HCUENTA

817	4688347,118	2533813,942	11,852	HCUENTA
818	4688347,064	2533813,910	11,483	FCUENTA
819	4688346,844	2533813,743	11,508	FCUENTA
820	4688347,693	2533813,476	11,984	ANDEN
821	4688347,399	2533814,065	11,975	ANDEN
822	4688347,554	2533814,718	11,969	ANDEN
823	4688348,465	2533814,193	12,052	ANDEN
824	4688348,501	2533814,222	12,109	SARDINEL
825	4688344,728	2533815,405	11,961	EVIA
826	4688343,039	2533817,361	11,943	BVIA
827	4688341,161	2533815,665	12,002	EVIA
828	4688339,073	2533813,863	11,878	BVIA
829	4688338,808	2533813,697	11,807	HCUENTA
830	4688338,537	2533813,475	11,911	HCUENTA
831	4688338,525	2533813,483	11,486	FCUENTA
832	4688338,792	2533813,667	11,445	FCUENTA
833	4688342,628	2533819,095	11,958	PARQUE
834	4688343,472	2533818,786	11,954	PARQUE
835	4688344,310	2533818,827	11,958	PARQUE
836	4688344,885	2533818,986	11,976	PARQUE
837	4688333,540	2533828,890	11,875	PARQUE
838	4688333,385	2533828,848	11,723	HCUENTA
839	4688333,112	2533828,604	11,754	HCUENTA
840	4688333,369	2533828,832	11,385	FCUENTA
841	4688333,181	2533828,615	11,396	FCUENTA
842	4688332,980	2533828,458	11,796	BVIA
843	4688331,326	2533826,788	11,917	EVIA
844	4688329,026	2533824,615	11,769	BVIA
845	4688328,752	2533824,485	11,722	HCUENTA
846	4688328,486	2533824,274	11,709	HCUENTA
847	4688328,531	2533824,302	11,382	FCUENTA
848	4688328,741	2533824,487	11,386	FCUENTA
849	4688350,903	2533813,767	12,102	PARAMENTO
850	4688356,837	2533822,056	12,086	SARDINEL
851	4688356,285	2533822,801	12,031	ANDEN
852	4688356,167	2533822,938	11,964	BVIA
853	4688358,143	2533820,556	12,079	PARAMENTO
854	4688354,503	2533824,744	11,976	EVIA
855	4688352,836	2533826,819	11,905	BVIA
856	4688359,839	2533824,772	12,107	SAGUA
857	4688362,104	2533828,812	12,053	RDAS

858	4688363,144	2533836,089	12,024	PARQUE
859	4688367,777	2533839,953	11,992	BVIA
860	4688369,375	2533838,196	12,028	EVIA
861	4688370,740	2533836,725	11,991	BVIA
862	4688370,910	2533836,503	12,005	ANDEN
863	4688371,677	2533835,750	12,071	SARDINEL
864	4688372,426	2533838,137	12,010	RDAS
865	4688376,551	2533837,664	12,063	PARAMENTO
866	4688380,235	2533843,847	11,984	SARDINEL
867	4688379,587	2533844,593	11,943	ANDEN
868	4688379,485	2533844,656	11,917	BVIA
869	4688377,911	2533846,302	11,972	EVIA
870	4688376,398	2533848,137	11,979	BVIA
871	4688376,199	2533848,324	11,992	PARQUE
872	4688391,668	2533854,477	11,992	SARDINEL
873	4688390,994	2533855,216	11,966	ANDEN
874	4688391,670	2533855,555	11,965	ANDEN
875	4688392,272	2533855,211	11,960	ANDEN
876	4688395,182	2533852,228	11,984	ANDEN
877	4688394,455	2533851,482	12,000	SARDINEL
878	4688391,856	2533852,009	12,167	PARAMENTO
879	4688395,335	2533852,290	11,999	BVIA
880	4688396,357	2533853,079	11,926	EVIA
881	4688397,817	2533854,114	11,877	BVIA
882	4688398,346	2533854,787	11,821	CERCA
883	4688394,564	2533858,598	11,658	CERCA
884	4688393,723	2533858,126	11,813	BVIA
885	4688392,744	2533857,139	11,953	EVIA
886	4688391,619	2533855,992	11,971	BVIA
887	4688389,673	2533857,930	11,925	EVIA
888	4688388,309	2533859,735	11,904	BVIA
889	4688387,233	2533858,587	11,929	PARQUE
890	4688387,608	2533859,395	11,912	PARQUE
891	4688387,469	2533860,265	11,899	PARQUE
892	4688387,226	2533860,720	11,910	PARQUE
893	4688389,313	2533860,656	12,010	EVIA
894	4688390,512	2533861,831	11,930	BVIA
895	4688391,187	2533862,319	11,947	CERCA
896	4688383,219	2533865,384	11,851	PARQUE
897	4688383,275	2533865,470	11,832	BVIA
898	4688384,163	2533866,325	11,643	EVIA

899	4688385,800	2533866,962	11,542	BVIA
900	4688386,482	2533867,777	11,675	CERCA
901	4688342,198	2533805,682	12,085	PARAMENTO
902	4688341,992	2533808,206	11,953	SARDINEL
903	4688350,012	2533797,300	12,123	PARAMENTO
904	4688351,135	2533798,267	11,971	SARDINEL
905	4688351,898	2533798,935	12,048	ANDEN
906	4688351,961	2533798,961	11,978	HCUENTA
907	4688352,249	2533799,209	11,905	HCUENTA
908	4688352,229	2533799,192	11,548	FCUENTA
909	4688352,041	2533799,007	11,521	FCUENTA
910	4688352,356	2533799,293	11,858	BVIA
911	4688354,307	2533801,021	11,999	EVIA
912	4688356,278	2533802,943	11,954	BVIA
913	4688357,842	2533802,623	11,899	SAGUA
914	4688358,835	2533801,503	11,868	SAGUA
915	4688355,553	2533805,164	11,834	SAGUA
916	4688353,724	2533806,799	11,821	SAGUA
917	4688357,342	2533802,432	11,941	HCUENTA
918	4688357,607	2533802,615	11,926	HCUENTA
919	4688357,641	2533802,546	11,580	FCUENTA
920	4688357,435	2533802,360	11,584	FCUENTA
921	4688357,259	2533803,260	12,056	ANDEN
922	4688358,000	2533804,026	12,098	SARDINEL
923	4688359,070	2533805,073	12,146	PARAMENTO
924	4688351,586	2533799,317	11,883	SAGUA
925	4688351,038	2533799,948	11,862	SAGUA
926	4688350,178	2533800,885	11,861	SAGUA
927	4688348,814	2533802,348	11,839	SAGUA
928	4688357,706	2533792,664	11,932	SAGUA
929	4688362,834	2533797,244	11,993	SAGUA
930	4688363,892	2533786,072	12,073	ANDEN
931	4688363,899	2533784,933	12,087	ANDEN
932	4688363,243	2533785,435	12,091	SARDINEL
933	4688364,396	2533785,632	11,999	HCUENTA
934	4688364,655	2533785,874	11,956	HCUENTA
935	4688364,426	2533785,672	11,613	FCUENTA
936	4688364,640	2533785,852	11,609	FCUENTA
937	4688365,332	2533785,574	12,034	BVIA
938	4688367,073	2533787,410	12,131	EVIA
939	4688369,273	2533789,304	11,969	BVIA

Secretaria de infraestructura del Municipio de Montería

Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

940	4688370,721	2533787,829	11,968	EVIA
941	4688372,137	2533786,327	11,955	BVIA
942	4688370,536	2533784,529	12,142	EVIA
943	4688368,137	2533782,605	12,042	BVIA
944	4688367,838	2533782,084	11,999	HCUENTA
945	4688368,148	2533782,312	11,984	HCUENTA
946	4688368,076	2533782,267	11,635	FCUENTA
947	4688367,895	2533782,087	11,625	FCUENTA
948	4688367,748	2533782,013	12,034	ANDEN
949	4688367,812	2533780,493	12,102	SARDINEL
950	4688368,383	2533777,882	12,226	PARAMENTO
951	4688374,495	2533784,627	11,892	SAGUA
952	4688373,657	2533785,879	12,189	ANDEN
953	4688373,285	2533786,446	12,183	ANDEN
954	4688373,716	2533787,192	12,185	ANDEN
955	4688374,293	2533786,480	12,220	SARDINEL
956	4688376,864	2533786,064	12,627	PARAMENTO
957	4688372,786	2533785,953	12,015	HCUENTA
958	4688373,081	2533786,207	12,071	HCUENTA
959	4688373,054	2533786,183	11,650	FCUENTA
960	4688372,862	2533785,974	11,655	FCUENTA
961	4688372,790	2533786,627	11,971	HCUENTA
962	4688373,009	2533786,823	11,923	HCUENTA
963	4688373,304	2533787,237	11,954	HCUENTA
964	4688373,483	2533787,088	11,948	HCUENTA
965	4688373,282	2533786,730	11,987	HCUENTA
966	4688373,243	2533786,440	12,100	HCUENTA
967	4688373,111	2533786,514	11,864	FCUENTA
968	4688372,961	2533786,563	11,841	FCUENTA
969	4688372,993	2533786,388	11,843	FCUENTA
970	4688373,012	2533786,797	11,825	FCUENTA
971	4688373,358	2533787,258	11,877	FCUENTA
972	4688373,499	2533787,103	11,876	FCUENTA
973	4688369,244	2533790,213	11,863	FCUENTA
974	4688369,066	2533790,379	11,839	FCUENTA
975	4688370,041	2533790,316	11,900	FCUENTA
976	4688369,996	2533790,410	11,899	FCUENTA
977	4688370,043	2533790,454	11,964	HCUENTA
978	4688370,174	2533790,320	11,968	HCUENTA
979	4688369,280	2533790,185	11,952	HCUENTA
980	4688369,016	2533790,421	11,866	HCUENTA

981	4688369,029	2533789,965	11,981	HCUENTA
982	4688369,056	2533789,985	11,657	FCUENTA
983	4688369,257	2533790,163	11,637	FCUENTA
984	4688368,993	2533790,638	12,190	ANDEN
985	4688370,240	2533790,585	12,237	ANDEN
986	4688369,717	2533791,526	12,259	SARDINEL
987	4688369,720	2533794,188	12,322	PARAMENTO
988	4688360,666	2533785,845	12,274	PARAMENTO
989	4688376,590	2533796,519	12,406	ANDEN
990	4688376,649	2533796,715	12,098	HCUENTA
991	4688376,919	2533796,571	12,112	HCUENTA
992	4688376,814	2533796,666	11,914	FCUENTA
993	4688376,751	2533796,727	11,913	FCUENTA
994	4688375,890	2533797,387	12,188	SARDINEL
995	4688374,539	2533798,909	12,419	PARAMENTO
996	4688377,085	2533796,201	11,993	BVIA
997	4688378,230	2533794,953	12,024	EVIA
998	4688379,239	2533793,553	12,019	BVIA
999	4688379,673	2533793,043	11,965	HCUENTA
1000	4688379,753	2533792,841	11,977	HCUENTA
1001	4688379,739	2533792,856	11,878	FCUENTA
1002	4688379,616	2533792,981	11,873	FCUENTA
1003	4688379,767	2533792,817	12,178	ANDEN
1004	4688380,375	2533792,221	12,198	SARDINEL
1005	4688381,821	2533790,648	12,481	PARAMENTO
1006	4688386,917	2533806,180	12,240	ANDEN
1007	4688386,282	2533806,956	12,221	SARDINEL
1008	4688384,878	2533808,472	12,282	PARAMENTO
1009	4688386,994	2533806,065	12,125	HCUENTA
1010	4688386,903	2533806,198	12,112	HCUENTA
1011	4688386,888	2533806,202	11,941	FCUENTA
1012	4688386,954	2533806,157	11,928	FCUENTA
1013	4688387,246	2533805,930	12,147	BVIA
1014	4688388,415	2533804,607	12,145	EVIA
1015	4688389,847	2533803,346	12,176	BVIA
1016	4688390,945	2533804,265	12,145	ARBOL
1017	4688390,157	2533802,872	12,075	HCUENTA
1018	4688390,333	2533802,706	12,111	HCUENTA
1019	4688390,268	2533802,705	11,855	FCUENTA
1020	4688390,183	2533802,802	11,874	FCUENTA
1021	4688390,336	2533802,649	12,109	ANDEN

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1022	4688390,945	2533802,192	12,440	SARDINEL
1023	4688392,567	2533800,589	12,493	PARAMENTO
1024	4688387,399	2533800,646	12,171	ARBOL
1025	4688393,512	2533807,205	12,296	ARBOL
1026	4688397,226	2533815,830	12,297	ANDEN
1027	4688396,514	2533816,512	12,329	SARDINEL
1028	4688395,102	2533818,019	12,537	PARAMENTO
1029	4688397,416	2533815,636	12,279	HCUENTA
1030	4688397,215	2533815,831	12,240	HCUENTA
1031	4688397,262	2533815,813	11,978	FCUENTA
1032	4688397,378	2533815,667	11,972	FCUENTA
1033	4688397,638	2533815,468	12,259	BVIA
1034	4688398,695	2533814,240	12,258	EVIA
1035	4688400,001	2533812,707	12,257	BVIA
1036	4688400,233	2533812,473	12,258	HCUENTA
1037	4688400,441	2533812,211	12,248	HCUENTA
1038	4688400,408	2533812,244	12,001	FCUENTA
1039	4688400,241	2533812,371	12,008	FCUENTA
1040	4688400,411	2533812,149	12,309	ANDEN
1041	4688401,119	2533811,477	12,330	SARDINEL
1042	4688402,549	2533810,057	12,480	PARAMENTO
1043	4688405,496	2533818,354	12,291	ARBOL
1044	4688406,905	2533824,819	12,285	HCUENTA
1045	4688407,104	2533824,618	12,232	HCUENTA
1046	4688407,032	2533824,628	12,031	FCUENTA
1047	4688406,903	2533824,726	12,012	FCUENTA
1048	4688406,891	2533824,781	12,346	ANDEN
1049	4688406,188	2533825,503	12,348	SARDINEL
1050	4688404,957	2533827,037	12,424	PARAMENTO
1051	4688407,100	2533824,333	12,271	BVIA
1052	4688408,316	2533823,182	12,295	EVIA
1053	4688409,580	2533821,867	12,288	BVIA
1054	4688410,238	2533821,316	12,299	ANDEN
1055	4688410,888	2533820,613	12,356	SARDINEL
1056	4688412,436	2533819,145	12,495	PARAMENTO
1057	4688408,907	2533820,056	12,314	HCUENTA
1058	4688408,729	2533820,229	12,302	HCUENTA
1059	4688408,761	2533820,188	12,161	FCUENTA
1060	4688408,881	2533820,064	12,187	FCUENTA
1061	4688413,001	2533831,679	12,375	SARDINEL
1062	4688414,145	2533831,790	12,260	ANDEN

1063	4688414,533	2533831,658	12,165	BVIA
1064	4688415,873	2533830,195	12,159	EVIA
1065	4688417,297	2533828,591	12,236	BVIA
1066	4688414,770	2533829,142	12,273	MH
1067	4688417,369	2533827,726	12,432	ANDEN
1068	4688418,032	2533828,046	12,360	ANDEN
1069	4688417,606	2533826,842	12,379	SARDINEL
1070	4688418,141	2533824,396	12,599	PARAMENTO
1071	4688424,323	2533819,814	12,499	SARDINEL
1072	4688423,114	2533818,800	12,690	PARAMENTO
1073	4688424,938	2533820,431	12,482	ANDEN
1074	4688425,014	2533820,489	12,463	BVIA
1075	4688426,094	2533821,444	12,445	EVIA
1076	4688427,572	2533822,569	12,372	BVIA
1077	4688428,055	2533822,944	12,173	CERCA
1078	4688420,955	2533824,880	12,359	BVIA
1079	4688421,885	2533825,803	12,194	EVIA
1080	4688423,228	2533826,820	12,190	BVIA
1081	4688423,730	2533827,150	12,214	CERCA
1082	4688418,598	2533829,216	12,353	EVIA
1083	4688415,164	2533832,806	12,018	EVIA
1084	4688416,430	2533833,829	11,974	BVIA
1085	4688416,981	2533834,171	11,882	CERCA
1086	4688405,703	2533837,839	12,244	PARAMENTO
1087	4688406,582	2533838,644	12,277	SARDINEL
1088	4688407,296	2533839,286	12,162	ANDEN
1089	4688407,279	2533839,557	12,121	BVIA
1090	4688408,513	2533840,493	12,010	EVIA
1091	4688409,868	2533841,688	11,870	BVIA
1092	4688410,217	2533842,005	11,967	CERCA
1093	4688410,927	2533832,320	12,271	PARAMENTO
1094	4688356,877	2533779,631	12,225	SARDINEL
1095	4688357,651	2533778,970	12,023	ANDEN
1096	4688357,686	2533778,965	11,967	HCUENTA
1097	4688358,115	2533778,662	12,013	HCUENTA
1098	4688357,969	2533778,803	11,786	FCUENTA
1099	4688357,784	2533778,966	11,750	FCUENTA
1101	4688361,630	2533774,612	12,115	SARDINEL
1102	4688360,930	2533775,226	12,083	ANDEN
1103	4688360,390	2533775,550	12,074	BVIA
1104	4688359,182	2533776,797	12,092	EVIA

1105	4688358,049	2533778,103	12,070	BVIA
1106	4688352,448	2533767,790	12,204	RDAS
1107	4688352,843	2533763,718	12,396	PARAMENTO
1108	4688351,381	2533765,055	12,306	SARDINEL
1109	4688350,776	2533765,728	12,193	ANDEN
1110	4688350,390	2533766,050	12,171	BVIA
1111	4688349,091	2533767,476	12,162	EVIA
1112	4688347,805	2533768,814	12,040	BVIA
1113	4688347,450	2533769,159	12,008	HCUENTA
1114	4688347,292	2533769,308	12,032	HCUENTA
1115	4688347,320	2533769,286	11,813	FCUENTA
1116	4688347,420	2533769,203	11,805	FCUENTA
1117	4688347,294	2533769,340	12,192	ANDEN
1118	4688346,593	2533769,977	12,178	SARDINEL
1119	4688345,130	2533771,384	12,201	PARAMENTO
1120	4688334,676	2533761,679	12,236	PARAMENTO
1121	4688336,091	2533760,296	12,227	SARDINEL
1122	4688336,738	2533759,630	12,128	ANDEN
1123	4688336,753	2533759,585	12,071	HCUENTA
1124	4688336,921	2533759,460	12,056	HCUENTA
1125	4688336,888	2533759,463	11,881	FCUENTA
1126	4688336,782	2533759,541	11,873	FCUENTA
1127	4688337,129	2533759,907	12,085	SAGUA
1128	4688337,099	2533759,116	12,173	BVIA
1129	4688338,159	2533757,768	12,169	EVIA
1130	4688339,491	2533756,163	12,194	BVIA
1131	4688339,729	2533755,909	12,182	HCUENTA
1132	4688339,937	2533755,740	12,149	HCUENTA
1133	4688339,909	2533755,756	11,963	FCUENTA
1134	4688339,784	2533755,883	11,961	FCUENTA
1135	4688339,932	2533755,707	12,246	ANDEN
1136	4688340,564	2533754,909	12,257	SARDINEL
1137	4688339,527	2533755,424	12,114	SAGUA
1138	4688338,943	2533754,755	12,110	SAGUA
1139	4688335,295	2533751,354	12,175	SAGUA
1140	4688330,920	2533746,075	12,301	SARDINEL
1141	4688331,675	2533744,034	12,428	PARAMENTO
1142	4688330,299	2533746,726	12,282	ANDEN
1143	4688329,882	2533747,120	12,104	BVIA
1144	4688328,623	2533748,749	12,150	EVIA
1145	4688327,278	2533749,957	12,130	BVIA

1146	4688326,982	2533750,090	12,092	HCUENTA
1147	4688326,784	2533750,304	12,080	HCUENTA
1148	4688326,825	2533750,296	11,941	FCUENTA
1149	4688326,935	2533750,128	11,968	FCUENTA
1150	4688326,697	2533750,328	12,146	ANDEN
1151	4688325,986	2533750,860	12,227	SARDINEL
1152	4688324,633	2533752,331	12,249	PARAMENTO
1153	4688325,562	2533742,407	12,181	SAGUA
1154	4688321,037	2533746,265	12,205	SARDINEL
1155	4688321,645	2533745,664	12,148	ANDEN
1156	4688319,645	2533747,727	12,207	PARAMENTO
1157	4688315,605	2533751,982	12,041	PARAMENTO
1158	4688318,094	2533735,266	12,450	ANDEN
1159	4688318,548	2533734,302	12,422	ANDEN
1160	4688319,164	2533735,020	12,422	SARDINEL
1161	4688321,996	2533734,967	12,493	PARAMENTO
1162	4688327,740	2533728,829	12,545	PARAMENTO
1163	4688326,338	2533727,399	12,446	SARDINEL
1164	4688325,616	2533726,694	12,399	ANDEN
1165	4688318,249	2533736,131	12,227	BVIA
1166	4688316,662	2533737,660	12,205	EVIA
1167	4688315,193	2533739,102	12,200	BVIA
1168	4688309,686	2533734,118	12,223	BVIA
1169	4688311,072	2533732,516	12,200	EVIA
1170	4688312,636	2533730,918	12,198	BVIA
1171	4688377,613	2533767,838	12,309	PARAMENTO
1172	4688378,646	2533768,861	12,288	SARDINEL
1173	4688379,351	2533769,532	12,065	ANDEN
1174	4688379,440	2533769,629	12,056	HCUENTA
1175	4688379,713	2533769,856	12,059	HCUENTA
1176	4688379,660	2533769,885	11,700	FCUENTA
1177	4688379,446	2533769,710	11,715	FCUENTA
1178	4688379,853	2533770,061	12,055	BVIA
1179	4688381,730	2533771,813	12,170	EVIA
1180	4688383,939	2533773,513	12,071	BVIA
1181	4688384,260	2533773,809	12,055	HCUENTA
1182	4688384,542	2533774,011	12,101	HCUENTA
1183	4688384,511	2533773,996	11,681	FCUENTA
1184	4688384,316	2533773,833	11,686	FCUENTA
1185	4688384,373	2533774,117	11,989	SAGUA
1186	4688384,736	2533773,988	12,171	ANDEN

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1187	4688385,530	2533774,545	12,443	SARDINEL
1188	4688386,605	2533775,619	12,484	PARAMENTO
1189	4688383,826	2533774,691	11,967	SAGUA
1190	4688387,040	2533771,349	12,075	SAGUA
1191	4688395,540	2533763,747	12,302	SARDINEL
1192	4688395,344	2533766,323	12,469	PARAMENTO
1193	4688395,078	2533762,714	12,178	HCUENTA
1194	4688395,241	2533762,518	12,120	HCUENTA
1195	4688394,991	2533762,254	12,104	HCUENTA
1196	4688395,172	2533762,515	11,748	FCUENTA
1197	4688394,983	2533762,322	11,755	FCUENTA
1198	4688395,058	2533762,700	12,088	FCUENTA
1199	4688395,178	2533762,563	12,077	FCUENTA
1200	4688396,323	2533762,853	12,104	FCUENTA
1201	4688396,239	2533763,027	12,096	FCUENTA
1202	4688396,242	2533763,065	12,281	HCUENTA
1203	4688396,335	2533762,814	12,191	HCUENTA
1204	4688396,206	2533763,074	12,283	ANDEN
1205	4688395,182	2533762,786	12,254	ANDEN
1206	4688390,749	2533758,049	12,128	HCUENTA
1207	4688390,477	2533757,815	12,125	HCUENTA
1208	4688390,510	2533757,879	11,742	FCUENTA
1209	4688390,657	2533758,087	11,739	FCUENTA
1210	4688390,407	2533757,759	12,136	ANDEN
1211	4688388,957	2533757,652	12,150	SARDINEL
1212	4688386,678	2533758,137	12,288	PARAMENTO
1213	4688391,181	2533757,990	12,179	BVIA
1214	4688393,209	2533759,688	12,282	EVIA
1215	4688395,265	2533761,532	12,224	BVIA
1216	4688396,852	2533760,007	12,275	EVIA
1217	4688398,076	2533758,657	12,288	BVIA
1218	4688396,364	2533756,706	12,293	EVIA
1219	4688394,354	2533754,639	12,224	BVIA
1220	4688393,838	2533753,996	12,169	ANDEN
1221	4688392,862	2533756,257	12,226	EVIA
1222	4688393,791	2533752,593	12,190	SARDINEL
1223	4688394,063	2533750,051	12,375	PARAMENTO
1224	4688383,923	2533740,632	12,396	PARAMENTO
1225	4688382,629	2533742,163	12,333	SARDINEL
1226	4688381,892	2533742,830	12,186	ANDEN
1227	4688381,564	2533743,036	12,165	BVIA

1228	4688380,268	2533744,250	12,176	EVIA
1229	4688378,649	2533746,019	12,164	BVIA
1230	4688378,348	2533746,279	12,283	ANDEN
1231	4688377,747	2533747,042	12,171	SARDINEL
1232	4688376,357	2533748,385	12,455	PARAMENTO
1233	4688398,938	2533758,681	12,304	ANDEN
1234	4688400,249	2533758,624	12,252	SARDINEL
1235	4688402,872	2533758,130	12,591	PARAMENTO
1236	4688405,814	2533775,588	12,388	PARAMENTO
1237	4688406,945	2533774,299	12,487	SARDINEL
1238	4688407,531	2533773,590	12,400	ANDEN
1239	4688407,591	2533773,481	12,396	HCUENTA
1240	4688407,738	2533773,266	12,379	HCUENTA
1241	4688407,678	2533773,296	12,145	FCUENTA
1242	4688407,634	2533773,485	12,162	FCUENTA
1243	4688407,918	2533773,200	12,339	BVIA
1244	4688409,120	2533771,940	12,397	EVIA
1245	4688410,586	2533770,508	12,367	BVIA
1246	4688411,079	2533770,114	12,414	ANDEN
1247	4688411,767	2533769,379	12,436	SARDINEL
1248	4688413,139	2533767,833	12,626	PARAMENTO
1249	4688402,006	2533741,499	12,467	PARAMENTO
1250	4688403,036	2533742,524	12,420	SARDINEL
1251	4688403,816	2533743,161	12,232	ANDEN
1252	4688403,665	2533743,473	12,162	HCUENTA
1253	4688403,902	2533743,719	12,160	HCUENTA
1254	4688403,840	2533743,712	11,797	FCUENTA
1255	4688403,673	2533743,505	11,799	FCUENTA
1256	4688404,193	2533743,599	12,185	BVIA
1257	4688406,116	2533745,388	12,303	EVIA
1258	4688408,156	2533747,082	12,318	BVIA
1259	4688408,960	2533747,971	12,323	ANDEN
1260	4688409,558	2533748,576	12,503	SARDINEL
1261	4688410,649	2533749,781	12,607	PARAMENTO
1262	4688412,606	2533743,896	12,296	HCUENTA
1263	4688412,340	2533743,673	12,178	HCUENTA
1264	4688412,381	2533743,698	11,820	FCUENTA
1265	4688412,608	2533743,856	11,817	FCUENTA
1266	4688413,028	2533743,316	12,073	SAGUA
1267	4688420,892	2533734,883	12,204	SAGUA
1268	4688420,716	2533736,492	12,424	SARDINEL

1269	4688421,343	2533736,076	12,421	SARDINEL
1270	4688421,995	2533736,258	12,441	SARDINEL
1271	4688421,204	2533738,442	12,695	PARAMENTO
1272	4688420,984	2533734,287	12,328	HCUENTA
1273	4688421,201	2533734,568	12,477	HCUENTA
1274	4688421,160	2533734,549	11,976	FCUENTA
1275	4688420,947	2533734,459	11,852	FCUENTA
1276	4688420,754	2533735,269	12,357	ANDEN
1277	4688421,494	2533734,823	12,407	ANDEN
1278	4688422,211	2533735,143	12,428	ANDEN
1279	4688426,217	2533731,050	12,538	SARDINEL
1280	4688425,383	2533730,256	12,520	ANDEN
1281	4688424,960	2533731,036	12,486	ANDEN
1282	4688425,472	2533731,715	12,504	ANDEN
1283	4688428,382	2533730,653	12,852	PARAMENTO
1284	4688423,939	2533730,790	12,452	BVIA
1285	4688422,589	2533732,242	12,449	EVIA
1286	4688421,185	2533733,516	12,404	BVIA
1287	4688419,343	2533732,158	12,402	EVIA
1288	4688417,285	2533730,084	12,264	BVIA
1289	4688418,646	2533728,702	12,329	EVIA
1290	4688420,258	2533727,146	12,411	BVIA
1291	4688422,379	2533728,935	12,444	EVIA
1292	4688420,383	2533730,958	12,437	MH
1293	4688431,827	2533747,702	12,716	PARAMENTO
1294	4688432,914	2533746,465	12,667	SARDINEL
1295	4688433,613	2533745,716	12,627	ANDEN
1296	4688433,647	2533745,589	12,601	BVIA
1297	4688435,059	2533744,024	12,668	EVIA
1298	4688436,702	2533742,363	12,668	BVIA
1299	4688436,977	2533742,193	12,691	ANDEN
1300	4688437,524	2533741,520	12,697	SARDINEL
1301	4688438,852	2533740,004	12,854	PARAMENTO
1302	4688416,592	2533730,218	12,173	HCUENTA
1303	4688416,290	2533729,953	12,275	HCUENTA
1304	4688416,338	2533729,955	11,854	FCUENTA
1305	4688416,535	2533730,137	11,862	FCUENTA
1306	4688415,976	2533730,035	12,417	ANDEN
1307	4688415,957	2533729,366	12,434	ANDEN
1308	4688414,928	2533729,774	12,466	ANDEN
1309	4688414,881	2533729,769	12,587	SARDINEL

1310	4688412,446	2533730,202	12,566	PARAMENTO
1311	4688419,784	2533726,118	12,461	ANDEN
1312	4688419,550	2533724,819	12,475	SARDINEL
1313	4688420,257	2533722,560	12,285	PARAMENTO
1314	4688409,601	2533712,771	12,607	PARAMENTO
1315	4688407,971	2533714,050	12,598	SARDINEL
1316	4688407,321	2533714,674	12,452	ANDEN
1317	4688407,003	2533714,918	12,441	BVIA
1318	4688405,616	2533716,285	12,425	EVIA
1319	4688404,022	2533717,769	12,447	BVIA
1320	4688403,745	2533718,006	12,421	ANDEN
1321	4688403,116	2533718,665	12,429	SARDINEL
1322	4688401,658	2533720,180	12,614	PARAMENTO
1323	4688437,963	2533720,476	12,970	PARAMENTO
1324	4688436,893	2533719,400	12,876	SARDINEL
1325	4688436,085	2533718,711	12,661	ANDEN
1326	4688436,029	2533718,653	12,429	HCUENTA
1327	4688435,775	2533718,395	12,430	HCUENTA
1328	4688435,823	2533718,426	12,039	FCUENTA
1329	4688435,990	2533718,637	12,042	FCUENTA
1330	4688435,644	2533718,200	12,475	BVIA
1331	4688433,579	2533716,332	12,716	EVIA
1332	4688431,558	2533714,334	12,621	BVIA
1333	4688431,416	2533714,045	12,512	ANDEN
1334	4688430,614	2533713,033	12,691	SARDINEL
1335	4688429,582	2533711,900	12,726	PARAMENTO
1336	4688432,667	2533713,665	12,413	ARBOL
1337	4688438,888	2533702,966	12,328	PARAMENTO
1338	4688442,020	2533702,077	12,745	ANDEN
1339	4688440,771	2533702,049	12,773	SARDINEL
1340	4688435,377	2533695,739	12,807	ANDEN
1341	4688434,695	2533696,402	12,801	SARDINEL
1342	4688433,292	2533697,911	12,923	PARAMENTO
1343	4688435,424	2533695,503	12,755	BVIA
1344	4688437,077	2533693,864	12,827	EVIA
1345	4688438,758	2533692,142	12,748	BVIA
1346	4688446,086	2533699,071	12,724	BVIA
1347	4688444,441	2533700,815	12,679	EVIA
1348	4688442,895	2533702,648	12,734	BVIA
1349	4688444,660	2533704,656	12,728	EVIA
1350	4688446,567	2533706,137	12,729	BVIA

1351	4688448,339	2533704,784	12,712	EVIA
1352	4688450,259	2533703,063	12,666	BVIA
1353	4688446,617	2533703,179	12,686	MH
1354	4688446,502	2533702,542	12,710	EVIA
1355	4688449,712	2533700,710	12,788	CERCA
1356	4688446,432	2533707,612	12,712	ANDEN
1357	4688447,529	2533707,245	12,726	ANDEN
1358	4688448,831	2533708,087	12,712	ANDEN
1359	4688447,299	2533708,193	12,819	SARDINEL
1360	4688447,143	2533710,660	12,932	PARAMENTO
1361	4688454,431	2533717,505	13,006	PARAMENTO
1362	4688455,778	2533715,941	12,977	SARDINEL
1363	4688456,453	2533715,205	12,802	ANDEN
1364	4688456,511	2533715,155	12,763	BVIA
1365	4688457,766	2533713,795	12,736	EVIA
1366	4688459,756	2533712,070	12,693	BVIA
1367	4688460,566	2533711,410	12,623	CERCA
1368	4688454,303	2533706,673	12,706	ARBOL
1369	4688451,583	2533703,844	12,738	PALTA
1370	4688444,373	2533709,141	12,452	HCUENTA
1371	4688444,684	2533709,380	12,450	HCUENTA
1372	4688444,592	2533709,387	12,074	FCUENTA
1373	4688444,388	2533709,213	12,070	FCUENTA
RF180	4688188,804	2533926,135	11,899	REFERENCIA
RF181	4688267,198	2533989,032	11,356	REFERENCIA
RF182	4688322,136	2533841,591	11,901	REFERENCIA

ESTUDIOS Y DISEÑOS PARA LAFORMULACION DE PROYECTOS DE DE INFRAESTRUCTURA VIAL A REALIZAR POR LA SECRETARIA DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA
CARTERAS DE COORDENADAS CARRERA 5A LOS GARZONES

Numero	Este	Norte	Elevacion	Codigo
2	4687249,567	2534382,459	13,436	BPAVCON
3	4687248,700	2534381,234	13,515	SARDINEL
4	4687251,999	2534387,980	13,406	BPAVCON
5	4687254,507	2534389,174	13,527	SARDINEL
6	4687258,555	2534385,337	13,431	BPAVCON
7	4687256,426	2534379,667	13,475	BPAVCON

8	4687260,155	2534378,348	13,465	BPAVCON
9	4687261,374	2534384,569	13,301	BPAVCON
10	4687264,630	2534383,972	12,927	BPAVCON
11	4687264,843	2534377,387	13,394	BPAVCON
12	4687268,583	2534377,134	13,409	BPAVCON
13	4687269,595	2534383,553	13,389	BPAVCON
14	4687277,060	2534383,580	13,373	BPAVCON
15	4687277,414	2534377,438	13,404	BPAVCON
16	4687287,132	2534378,040	13,340	BPAVCON
17	4687287,151	2534384,031	13,254	BPAVCON
18	4687286,696	2534386,155	13,421	PARAMENTO
19	4687287,124	2534376,126	13,500	PARAMENTO
20	4687267,809	2534387,700	13,792	PARAMENTO
21	4687262,393	2534381,985	13,338	MH
22	4687260,985	2534376,089	13,449	PALTA
23	4687259,916	2534376,496	13,331	PBAJA
24	4687260,166	2534375,488	13,323	PBAJA
25	4687260,150	2534374,958	13,371	PARAMENTO
26	4687261,996	2534377,715	13,441	BVIA
27	4687265,774	2534377,215	13,389	EVIA
28	4687270,918	2534376,985	13,388	BVIA
29	4687273,119	2534375,310	13,176	PARAMENTO
30	4687272,894	2534376,329	13,144	PBAJA
31	4687264,537	2534371,341	13,305	PARAMENTO
32	4687262,816	2534368,076	13,158	PARAMENTO
33	4687266,182	2534366,287	13,196	PARAMENTO
34	4687266,849	2534366,603	13,181	SARDINEL
35	4687268,109	2534367,365	13,130	BVIA
36	4687269,868	2534368,146	13,110	EVIA
37	4687271,875	2534369,103	13,123	BVIA
38	4687273,636	2534370,583	13,225	PARAMENTO
39	4687275,249	2534364,489	13,237	RDAP
40	4687275,123	2534363,549	13,246	PBAJA
41	4687279,417	2534357,557	13,233	PARAMENTO
42	4687278,673	2534357,156	13,170	BVIA
43	4687277,166	2534356,187	13,166	EVIA
44	4687275,986	2534355,067	13,155	BVIA
45	4687275,129	2534354,722	13,192	SARDINEL
46	4687274,362	2534354,307	13,235	PARAMENTO
47	4687277,216	2534351,768	13,100	SAGUA
48	4687282,908	2534350,974	13,207	RDAS

49	4687279,529	2534347,487	13,106	SAGUA
50	4687281,630	2534343,775	13,113	SARDINEL
51	4687280,983	2534343,501	13,141	PARAMENTO
52	4687281,877	2534343,968	13,087	BVIA
53	4687283,571	2534344,900	13,065	EVIA
54	4687285,079	2534345,802	13,144	BVIA
55	4687285,694	2534346,220	13,259	PARAMENTO
56	4687286,407	2534344,193	13,257	PALTA
57	4687286,588	2534344,383	13,302	PARAMENTO
58	4687287,993	2534345,210	13,197	PARAMENTO
59	4687282,224	2534341,006	13,261	PARAMENTO
60	4687284,807	2534337,375	13,244	PARAMENTO
61	4687285,434	2534337,094	13,199	SARDINEL
62	4687288,584	2534332,284	12,994	BVIA
63	4687289,607	2534330,065	12,949	EVIA
64	4687291,077	2534327,849	12,947	BVIA
65	4687292,502	2534328,675	12,968	EVIA
66	4687294,239	2534329,808	13,009	BVIA
67	4687293,567	2534330,660	12,993	BVIA
68	4687292,683	2534332,312	12,985	BVIA
69	4687291,303	2534331,577	13,032	EVIA
70	4687282,037	2534333,444	13,300	PARAMENTO
71	4687282,079	2534332,219	13,133	BVIA
72	4687282,204	2534330,127	12,977	EVIA
73	4687282,298	2534328,258	13,021	BVIA
74	4687282,041	2534325,827	13,135	PARAMENTO
75	4687282,261	2534327,025	13,096	PBAJA
76	4687277,927	2534327,439	13,021	PBAJA
77	4687271,329	2534326,826	13,156	PARAMENTO
78	4687271,399	2534329,375	12,987	BVIA
79	4687271,598	2534331,036	13,003	EVIA
80	4687271,777	2534332,928	13,009	BVIA
81	4687271,953	2534334,718	13,399	PARAMENTO
82	4687291,110	2534326,605	13,070	PBAJA
83	4687290,665	2534325,128	13,134	PBAJA
84	4687291,404	2534325,229	13,148	RDAP
85	4687297,098	2534328,016	13,243	PARAMENTO
86	4687295,814	2534327,495	13,268	SARDINEL
87	4687294,934	2534315,977	13,021	PARAMENTO
88	4687293,577	2534319,150	13,047	PARAMENTO
89	4687294,277	2534319,471	13,003	SARDINEL

90	4687296,084	2534316,643	12,960	BVIA
91	4687297,698	2534317,645	12,977	EVIA
92	4687299,397	2534318,441	12,972	BVIA
93	4687299,610	2534318,496	13,266	SARDINEL
94	4687300,562	2534318,920	13,325	PARAMENTO
95	4687299,824	2534318,343	13,140	PALTA
96	4687300,002	2534318,563	13,118	SARDINEL
97	4687304,397	2534309,878	13,076	PARAMENTO
98	4687304,070	2534309,810	13,076	PALTA
99	4687303,709	2534309,806	13,086	SARDINEL
100	4687304,908	2534309,308	13,054	SARDINEL
101	4687303,612	2534308,779	12,911	BVIA
102	4687302,037	2534307,992	12,926	EVIA
103	4687300,364	2534307,098	12,973	BVIA
104	4687301,459	2534305,383	12,906	BVIA
106	4687303,892	2534304,407	12,874	EVIA
107	4687305,968	2534305,315	12,942	BVIA
108	4687304,824	2534307,050	12,928	EVIA
109	4687313,418	2534313,353	13,303	PARAMENTO
110	4687313,559	2534313,155	14,473	SARDINEL
111	4687313,683	2534312,689	13,118	PBAJA
112	4687313,967	2534312,398	13,066	BVIA
113	4687302,316	2534303,762	12,912	BVIA
RF179	4687274,249	2534384,392	13,360	REFERENCIA
114	4687315,283	2534310,821	12,976	EVIA
115	4687316,099	2534308,840	13,000	BVIA
116	4687316,607	2534307,135	13,037	PARAMENTO
117	4687322,772	2534316,555	13,388	PARAMENTO
118	4687322,719	2534315,901	13,145	SARDINEL
119	4687323,102	2534314,920	13,054	BVIA
120	4687323,561	2534312,804	13,030	EVIA
121	4687323,817	2534310,810	13,058	BVIA
122	4687324,180	2534309,484	13,051	PARAMENTO
123	4687307,825	2534303,779	13,262	PARAMENTO
124	4687301,506	2534303,698	12,933	PBAJA
125	4687300,445	2534302,959	13,039	PARAMENTO
126	4687303,709	2534294,490	12,978	PARAMENTO
127	4687304,772	2534294,782	12,961	SARDINEL
128	4687305,423	2534295,109	12,907	BVIA
129	4687306,800	2534295,528	12,865	EVIA
130	4687308,647	2534296,193	12,977	BVIA

131	4687309,394	2534295,664	13,122	RDAS
132	4687308,483	2534300,038	13,136	RDAS
133	4687310,371	2534292,875	12,968	SAGUA
134	4687307,766	2534285,470	12,986	SAGUA
135	4687307,803	2534285,350	12,980	SAGUA
136	4687307,939	2534286,029	12,817	HCUENTA
137	4687307,682	2534285,946	12,822	HCUENTA
138	4687307,681	2534285,943	12,621	FCUENTA
139	4687307,897	2534286,006	12,600	FCUENTA
140	4687306,667	2534286,068	13,230	PARAMENTO
141	4687307,692	2534285,756	13,094	SARDINEL
142	4687312,936	2534284,825	13,130	PARAMENTO
143	4687313,334	2534284,584	13,034	PALTA
144	4687314,763	2534284,979	13,195	PARAMENTO
145	4687309,507	2534279,905	12,842	SAGUA
146	4687309,495	2534279,860	12,978	SARDINEL
147	4687308,801	2534279,549	12,990	PARAMENTO
148	4687309,870	2534279,855	12,843	HCUENTA
149	4687309,545	2534279,751	12,750	HCUENTA
150	4687309,543	2534279,720	12,565	FCUENTA
151	4687309,792	2534279,817	12,556	FCUENTA
152	4687310,354	2534278,946	12,663	ARBOL
153	4687309,885	2534278,539	12,674	SAGUA
154	4687310,356	2534279,908	12,741	BVIA
155	4687311,797	2534280,450	12,812	EVIA
156	4687313,765	2534280,968	12,934	BVIA
157	4687315,598	2534279,031	12,899	RDAP
158	4687316,026	2534277,954	12,754	SAGUA
159	4687315,952	2534277,867	12,751	SAGUA
160	4687316,166	2534278,601	12,874	PARAMENTO
161	4687320,199	2534277,547	13,061	PARAMENTO
162	4687316,231	2534277,042	12,816	ARBOL
163	4687317,091	2534274,142	12,807	ARBOL
164	4687317,092	2534276,102	12,819	RDAS
165	4687310,651	2534276,329	12,756	SAGUA
166	4687310,279	2534278,485	12,671	LOSA
167	4687311,654	2534278,923	12,706	LOSA
168	4687312,425	2534272,716	12,719	ARBOL
169	4687312,308	2534271,305	12,670	SAGUA
170	4687313,551	2534264,853	12,821	PARAMENTO
171	4687314,477	2534264,548	12,817	SARDINEL

172	4687314,052	2534263,962	12,804	SARDINEL
173	4687314,712	2534263,856	12,605	HCUENTA
174	4687314,774	2534263,575	12,559	HCUENTA
175	4687314,653	2534263,797	12,588	HCUENTA
176	4687314,897	2534263,900	12,592	HCUENTA
177	4687314,934	2534263,720	12,444	FCUENTA
178	4687314,761	2534263,609	12,405	FCUENTA
179	4687314,661	2534263,769	12,417	FCUENTA
180	4687314,735	2534263,831	12,428	FCUENTA
181	4687315,699	2534261,771	12,639	LOSA
182	4687317,287	2534261,670	12,705	LOSA
183	4687315,231	2534261,971	12,667	LOSA
184	4687314,705	2534263,543	12,641	LOSA
185	4687316,622	2534258,385	12,635	BVIA
186	4687316,951	2534258,086	12,532	HCUENTA
187	4687317,108	2534258,142	12,629	HCUENTA
188	4687316,732	2534257,886	12,634	HCUENTA
189	4687316,774	2534257,920	12,333	FCUENTA
190	4687316,960	2534258,053	12,398	FCUENTA
191	4687317,086	2534258,131	12,431	FCUENTA
192	4687317,750	2534257,112	12,432	FCUENTA
193	4687317,578	2534257,004	12,413	FCUENTA
194	4687317,764	2534257,113	12,672	HCUENTA
195	4687317,541	2534257,004	12,698	HCUENTA
196	4687315,564	2534260,781	12,664	EVIA
197	4687308,607	2534265,112	12,658	HCUENTA
198	4687308,567	2534264,925	12,676	HCUENTA
199	4687308,582	2534264,957	12,488	FCUENTA
200	4687308,604	2534265,115	12,472	FCUENTA
201	4687308,578	2534265,130	12,846	SARDINEL
202	4687308,738	2534265,900	12,861	PARAMENTO
203	4687308,227	2534263,353	12,729	LOSA
204	4687308,074	2534262,719	12,698	EVIA
205	4687307,507	2534260,309	12,683	BVIA
206	4687307,438	2534260,198	12,663	HCUENTA
207	4687307,318	2534259,936	12,639	HCUENTA
208	4687307,251	2534259,987	12,492	FCUENTA
209	4687307,258	2534260,153	12,475	FCUENTA
210	4687290,738	2534263,465	12,733	HCUENTA
211	4687290,698	2534263,238	12,704	HCUENTA
212	4687290,708	2534263,225	12,561	FCUENTA

213	4687290,721	2534263,414	12,553	FCUENTA
214	4687290,672	2534263,222	12,942	SARDINEL
215	4687290,293	2534260,559	12,994	PARAMENTO
216	4687290,840	2534263,635	12,727	BVIA
217	4687291,178	2534265,773	12,759	EVIA
218	4687291,342	2534266,953	12,716	LOSA
219	4687291,900	2534268,414	12,738	HCUENTA
220	4687291,939	2534268,657	12,674	HCUENTA
221	4687291,969	2534268,672	12,494	FCUENTA
222	4687291,928	2534268,470	12,476	FCUENTA
223	4687291,946	2534268,672	12,902	SARDINEL
224	4687292,136	2534269,398	13,112	PARAMENTO
225	4687316,042	2534254,883	12,840	PARAMENTO
226	4687316,496	2534257,785	12,724	SARDINEL
227	4687317,243	2534256,773	12,707	SARDINEL
228	4687319,807	2534250,240	12,764	SARDINEL
229	4687319,605	2534250,080	12,936	PARAMENTO
230	4687324,195	2534255,550	12,725	CERCA
231	4687322,824	2534256,017	12,766	HCUENTA
232	4687322,553	2534255,958	12,766	HCUENTA
233	4687322,603	2534255,998	12,539	FCUENTA
234	4687322,740	2534256,042	12,539	FCUENTA
235	4687320,506	2534261,794	12,850	HCUENTA
236	4687320,804	2534261,862	12,847	HCUENTA
237	4687320,595	2534261,775	12,596	FCUENTA
238	4687320,748	2534261,818	12,577	FCUENTA
239	4687320,835	2534261,595	12,608	FCUENTA
240	4687320,910	2534261,358	12,579	FCUENTA
241	4687320,961	2534261,317	12,874	HCUENTA
242	4687320,870	2534261,595	12,862	HCUENTA
243	4687319,235	2534271,835	12,966	PARAMENTO
244	4687318,263	2534270,693	12,741	ARBOL
245	4687321,544	2534263,314	13,046	PARAMENTO
246	4687321,545	2534263,583	12,944	SAGUA
247	4687321,226	2534261,040	12,869	BVIA
248	4687320,536	2534261,045	12,864	BVIA
249	4687321,061	2534259,224	12,804	EVIA
250	4687321,852	2534259,161	12,836	EVIA
251	4687321,867	2534257,018	12,778	BVIA
252	4687320,330	2534256,318	12,659	EVIA
253	4687318,677	2534256,033	12,624	BVIA

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Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

254	4687322,663	2534256,934	12,766	BVIA
255	4687317,428	2534258,213	12,644	BVIA
256	4687318,581	2534260,593	12,719	EVIA
257	4687330,842	2534260,928	12,963	PARAMENTO
258	4687330,704	2534260,094	12,822	HCUENTA
259	4687330,707	2534259,876	12,870	HCUENTA
260	4687330,699	2534259,920	12,634	FCUENTA
261	4687330,723	2534260,014	12,673	FCUENTA
262	4687330,712	2534259,785	12,813	BVIA
263	4687330,605	2534258,136	12,841	EVIA
264	4687330,518	2534256,108	12,812	BVIA
265	4687330,677	2534254,839	12,809	PARAMENTO
266	4687341,312	2534258,567	13,072	PARAMENTO
267	4687341,023	2534257,477	12,805	BVIA
268	4687341,062	2534255,833	12,868	EVIA
269	4687340,825	2534253,926	12,844	BVIA
270	4687340,814	2534253,344	12,845	PARAMENTO
271	4687339,609	2534257,915	12,875	HCUENTA
272	4687339,721	2534258,203	12,846	HCUENTA
273	4687339,745	2534258,159	12,715	FCUENTA
274	4687339,681	2534257,958	12,707	FCUENTA
275	4687327,394	2534256,224	12,831	PALTA
276	4687324,033	2534251,429	12,800	PALTA
277	4687324,725	2534249,969	12,707	CERCA
278	4687324,221	2534250,015	12,689	BVIA
279	4687322,770	2534249,248	12,638	EVIA
280	4687321,093	2534248,725	12,675	BVIA
281	4687320,313	2534249,708	12,671	HCUENTA
282	4687320,563	2534249,816	12,729	HCUENTA
283	4687320,547	2534249,774	12,432	FCUENTA
284	4687320,336	2534249,689	12,371	FCUENTA
285	4687320,293	2534249,545	12,619	PARAMENTO
286	4687325,802	2534246,994	12,474	PBAJA
287	4687323,071	2534239,879	12,606	PARAMENTO
288	4687323,415	2534239,978	12,540	HCUENTA
289	4687323,663	2534240,066	12,529	HCUENTA
290	4687323,278	2534240,962	12,534	HCUENTA
291	4687322,982	2534240,852	12,569	HCUENTA
292	4687323,022	2534240,905	12,344	FCUENTA
293	4687323,202	2534240,950	12,368	FCUENTA
294	4687323,439	2534240,025	12,323	FCUENTA

295	4687323,607	2534240,104	12,330	FCUENTA
296	4687323,839	2534240,179	12,558	BVIA
297	4687325,473	2534240,938	12,562	EVIA
298	4687327,276	2534241,514	12,640	BVIA
299	4687328,618	2534241,959	12,625	CERCA
300	4687330,847	2534238,297	12,577	CERCA
301	4687330,910	2534238,176	12,644	PARAMENTO
302	4687330,179	2534238,030	12,676	SARDINEL
303	4687330,089	2534238,651	12,574	SAGUA
304	4687333,458	2534228,143	12,672	PARAMENTO
305	4687332,779	2534227,914	12,667	SARDINEL
306	4687333,061	2534227,928	12,615	CERCA
307	4687331,535	2534227,412	12,555	BVIA
308	4687329,925	2534226,956	12,545	EVIA
309	4687328,252	2534226,344	12,615	BVIA
310	4687327,973	2534226,277	12,557	HCUENTA
311	4687327,694	2534226,249	12,577	HCUENTA
312	4687327,887	2534226,334	12,312	FCUENTA
313	4687327,798	2534226,297	12,360	FCUENTA
314	4687327,476	2534226,104	12,716	PARAMENTO
315	4687329,866	2534220,324	12,586	HCUENTA
316	4687329,567	2534220,319	12,566	HCUENTA
317	4687329,657	2534220,287	12,344	FCUENTA
318	4687329,803	2534220,307	12,293	FCUENTA
319	4687329,335	2534220,206	12,779	PARAMENTO
320	4687330,161	2534219,669	12,520	HCANAL
321	4687329,563	2534219,495	12,503	HCANAL
322	4687329,564	2534219,487	12,295	FCANAL
323	4687330,031	2534219,680	12,249	FCANAL
324	4687334,506	2534220,433	12,500	PBAJA
325	4687335,005	2534220,818	12,501	CERCA
326	4687336,219	2534214,503	12,616	SAGUA
327	4687336,843	2534213,989	12,524	CERCA
328	4687335,757	2534213,638	12,489	BVIA
329	4687334,430	2534213,296	12,513	EVIA
330	4687332,531	2534212,532	12,434	BVIA
331	4687331,997	2534212,331	12,371	HCANAL
332	4687332,371	2534212,469	12,440	HCANAL
333	4687332,313	2534212,401	12,242	FCANAL
334	4687332,174	2534212,345	12,242	FCANAL
335	4687332,772	2534208,300	12,756	PARAMENTO

336	4687337,278	2534210,616	12,674	SAGUA
337	4687337,950	2534209,010	12,619	SAGUA
338	4687339,264	2534206,470	12,679	CERCA
339	4687339,185	2534205,893	13,003	PARAMENTO
340	4687339,663	2534206,171	12,933	SAGUA
341	4687340,255	2534201,934	12,472	PARAMENTO
342	4687339,354	2534202,201	12,355	BOX
343	4687339,656	2534202,211	12,378	BOX
344	4687339,468	2534202,287	12,037	FBOX
345	4687339,736	2534202,381	12,097	FBOX
346	4687339,521	2534203,006	12,358	ARBOL
347	4687338,801	2534201,910	12,410	BVIA
348	4687337,391	2534202,150	12,493	EVIA
349	4687335,280	2534202,608	12,434	BVIA
350	4687336,071	2534199,323	12,494	EVIA
351	4687336,734	2534196,555	12,392	BVIA
352	4687338,949	2534195,898	12,388	BVIA
353	4687338,149	2534198,720	12,473	EVIA
354	4687340,518	2534198,132	12,524	EVIA
355	4687341,183	2534195,263	12,390	BVIA
356	4687334,516	2534205,136	12,441	BOX
357	4687334,012	2534205,012	12,441	BOX
358	4687334,349	2534205,201	12,121	FBOX
359	4687334,172	2534205,139	12,057	FBOX
360	4687333,544	2534204,037	12,509	CERCA
361	4687324,611	2534206,109	12,578	CERCA
362	4687324,384	2534205,212	12,515	BVIA
363	4687323,739	2534202,906	12,438	EVIA
364	4687322,822	2534199,484	12,470	BVIA
365	4687314,340	2534208,580	12,634	CERCA
366	4687313,998	2534207,474	12,557	BVIA
367	4687313,620	2534205,515	12,516	EVIA
368	4687312,626	2534202,251	12,570	BVIA
369	4687312,397	2534201,579	12,418	HCUENTA
370	4687312,232	2534200,926	12,464	HCUENTA
371	4687312,183	2534200,952	11,934	FCUENTA
372	4687312,318	2534201,398	11,811	FCUENTA
373	4687312,213	2534200,963	13,286	SARDINEL
374	4687330,005	2534197,139	12,329	HCUENTA
375	4687329,862	2534196,492	12,336	HCUENTA
376	4687329,873	2534196,538	11,820	FCUENTA

377	4687329,957	2534197,031	11,744	FCUENTA
378	4687329,662	2534196,443	12,411	SARDINEL
379	4687329,448	2534195,642	12,934	SARDINEL
380	4687329,177	2534194,564	13,005	PARAMENTO
381	4687337,239	2534195,208	12,398	HCUENTA
382	4687337,089	2534194,598	12,359	HCUENTA
383	4687337,129	2534194,660	11,904	FCUENTA
384	4687337,312	2534195,195	11,939	FCUENTA
385	4687336,277	2534195,461	11,895	FCUENTA
386	4687336,527	2534195,419	11,870	FCUENTA
387	4687336,247	2534195,488	12,327	HCUENTA
388	4687344,666	2534193,804	12,287	HCUENTA
389	4687344,562	2534193,128	12,273	HCUENTA
390	4687344,632	2534193,725	11,782	FCUENTA
391	4687344,571	2534193,171	11,827	FCUENTA
392	4687344,705	2534194,667	12,383	BVIA
393	4687345,146	2534197,084	12,519	EVIA
394	4687345,418	2534200,067	12,641	BVIA
395	4687345,557	2534201,187	12,727	PARAMENTO
396	4687346,858	2534200,672	12,687	RDAP
397	4687353,474	2534193,057	12,470	PALTA
398	4687352,939	2534191,867	12,579	SAGUA
399	4687353,553	2534192,373	12,327	HCUENTA
400	4687353,385	2534191,712	12,347	HCUENTA
401	4687353,417	2534191,774	11,851	FCUENTA
402	4687353,448	2534192,238	11,817	FCUENTA
403	4687353,475	2534191,346	12,850	SARDINEL
404	4687353,452	2534190,250	13,581	PARAMENTO
405	4687355,520	2534199,673	12,771	SAGUA
406	4687355,389	2534199,459	12,745	RDAP
407	4687358,644	2534198,934	13,030	PARAMENTO
408	4687358,358	2534197,753	12,560	BVIA
409	4687357,884	2534195,104	12,539	EVIA
410	4687357,412	2534192,487	12,542	BVIA
411	4687358,158	2534190,906	12,932	SARDINEL
412	4687363,754	2534196,504	12,595	ARBOL
413	4687368,149	2534196,057	12,894	RDAP
414	4687369,162	2534195,954	12,888	PARAMENTO
415	4687369,395	2534196,790	12,518	PARAMENTO
416	4687372,528	2534195,513	12,788	RDAS
417	4687368,546	2534190,021	12,529	ARBOL

418	4687370,894	2534189,577	12,468	ARBOL
419	4687377,047	2534188,113	12,155	ARBOL
420	4687374,562	2534186,573	12,963	SARDINEL
421	4687374,346	2534184,991	13,046	PARAMENTO
422	4687374,960	2534188,636	12,433	BVIA
423	4687375,288	2534190,590	12,524	EVIA
424	4687375,749	2534193,349	12,638	BVIA
425	4687375,437	2534194,823	12,609	PARAMENTO
426	4687378,862	2534193,722	12,740	SAGUA
427	4687380,330	2534193,248	12,758	SAGUA
428	4687386,299	2534185,648	12,708	PALTA
429	4687387,192	2534185,527	12,326	ARBOL
430	4687386,675	2534186,313	12,517	BVIA
431	4687387,104	2534188,045	12,536	EVIA
432	4687387,337	2534190,162	12,525	BVIA
433	4687392,533	2534189,418	12,656	PARAMENTO
434	4687393,202	2534191,156	12,744	PARAMENTO
435	4687397,377	2534190,075	12,759	PARAMENTO
436	4687392,842	2534190,341	12,688	SARDINEL
437	4687398,128	2534189,056	12,558	SARDINEL
438	4687398,711	2534187,635	12,454	BVIA
439	4687398,259	2534185,704	12,448	EVIA
440	4687397,621	2534183,259	12,462	BVIA
441	4687399,724	2534182,588	12,367	BVIA
442	4687401,742	2534182,046	12,313	BVIA
443	4687402,286	2534184,272	12,374	EVIA
444	4687402,772	2534187,075	12,402	BVIA
445	4687400,785	2534187,601	12,417	EVIA
446	4687400,220	2534185,442	12,423	EVIA
447	4687403,971	2534188,057	12,668	SARDINEL
448	4687405,030	2534188,694	12,726	PARAMENTO
449	4687403,481	2534189,022	12,321	HCUENTA
450	4687403,682	2534188,939	12,310	HCUENTA
451	4687403,636	2534188,704	12,353	HCUENTA
452	4687404,050	2534188,556	12,351	HCUENTA
453	4687404,182	2534189,064	12,307	HCUENTA
454	4687403,710	2534189,236	12,422	HCUENTA
455	4687403,660	2534189,267	12,095	FCUENTA
456	4687403,505	2534189,070	12,068	FCUENTA
457	4687403,684	2534188,984	12,093	FCUENTA
458	4687404,024	2534188,937	12,144	FCUENTA

459	4687403,958	2534188,645	12,029	FCUENTA
460	4687403,705	2534188,805	12,058	FCUENTA
461	4687406,350	2534197,828	12,689	SARDINEL
462	4687407,201	2534197,582	12,673	PARAMENTO
463	4687405,695	2534198,031	12,526	HCUENTA
464	4687405,479	2534198,081	12,387	HCUENTA
465	4687405,518	2534198,052	12,251	FCUENTA
466	4687405,637	2534198,042	12,248	FCUENTA
467	4687405,274	2534198,150	12,377	BVIA
468	4687403,873	2534198,354	12,496	EVIA
469	4687402,023	2534198,604	12,520	BVIA
470	4687401,008	2534200,331	12,716	SARDINEL
471	4687401,621	2534200,227	12,876	SARDINEL
472	4687400,258	2534200,456	12,625	PARAMENTO
473	4687408,827	2534207,866	12,800	SARDINEL
474	4687409,481	2534207,911	13,041	PARAMENTO
475	4687408,012	2534208,045	12,799	HCUENTA
476	4687407,841	2534208,185	12,634	HCUENTA
477	4687407,847	2534208,133	12,364	FCUENTA
478	4687407,981	2534208,078	12,353	FCUENTA
479	4687407,584	2534208,244	12,606	BVIA
480	4687406,129	2534208,453	12,553	EVIA
481	4687404,094	2534208,885	12,658	BVIA
482	4687403,858	2534208,955	12,738	SARDINEL
483	4687401,932	2534209,238	12,726	PARAMENTO
484	4687400,947	2534180,976	12,223	HCUENTA
485	4687400,778	2534180,330	12,280	HCUENTA
486	4687400,781	2534180,409	11,733	FCUENTA
487	4687400,955	2534180,842	11,745	FCUENTA
488	4687401,124	2534180,911	12,834	SARDINEL
489	4687400,944	2534180,172	12,840	SARDINEL
490	4687401,381	2534179,720	12,883	PARAMENTO
491	4687401,355	2534178,727	12,866	PARAMENTO
492	4687410,884	2534176,733	13,207	PARAMENTO
493	4687411,051	2534177,666	13,177	SARDINEL
494	4687411,315	2534179,033	12,490	BVIA
495	4687411,898	2534181,689	12,396	EVIA
496	4687412,516	2534184,361	12,480	BVIA
497	4687412,597	2534185,840	12,494	SARDINEL
498	4687412,624	2534186,743	12,797	PARAMENTO
499	4687413,684	2534184,466	12,408	ARBOL

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500	4687418,020	2534182,984	12,415	RDAS
501	4687417,945	2534183,663	12,611	RDAP
502	4687417,182	2534184,733	12,641	RDAP
503	4687417,646	2534184,709	12,621	SARDINEL
504	4687417,566	2534184,382	12,626	SARDINEL
505	4687421,187	2534183,194	12,776	RGAS
506	4687423,996	2534184,439	12,675	PARAMENTO
507	4687423,807	2534182,866	12,643	SARDINEL
508	4687423,475	2534181,474	12,464	BVIA
509	4687422,974	2534179,543	12,395	EVIA
510	4687422,328	2534176,690	12,364	BVIA
511	4687422,040	2534176,486	12,350	PALTA
512	4687422,212	2534175,314	12,152	HCUENTA
513	4687422,038	2534174,655	12,170	HCUENTA
514	4687422,108	2534175,238	11,642	FCUENTA
515	4687421,991	2534174,778	11,668	FCUENTA
516	4687431,342	2534180,424	12,766	RGAS
517	4687432,357	2534179,958	12,488	RDAP
518	4687436,989	2534179,352	12,690	SARDINEL
519	4687436,525	2534178,080	12,497	BVIA
520	4687435,985	2534175,833	12,403	EVIA
521	4687435,178	2534172,874	12,277	BVIA
522	4687433,800	2534171,677	12,432	SAGUA
523	4687434,328	2534171,307	12,655	SAGUA
524	4687434,352	2534171,314	12,760	SARDINEL
525	4687433,952	2534170,424	12,980	PARAMENTO
526	4687439,876	2534177,665	12,535	ARBOL
527	4687442,998	2534177,041	12,558	ARBOL
528	4687444,397	2534170,890	12,370	PALTA
529	4687446,141	2534177,050	12,796	RGAS
530	4687446,512	2534177,111	12,668	SAGUA
531	4687447,288	2534176,353	12,536	RDAP
532	4687456,069	2534174,659	12,709	SARDINEL
533	4687455,582	2534173,733	12,436	BVIA
534	4687455,172	2534171,360	12,335	EVIA
535	4687454,349	2534168,637	12,322	BVIA
536	4687453,980	2534167,694	12,060	HCUENTA
537	4687453,668	2534167,145	12,115	HCUENTA
538	4687453,825	2534167,690	11,607	FCUENTA
539	4687453,598	2534167,160	11,575	FCUENTA
540	4687453,656	2534167,160	13,009	SARDINEL

541	4687455,111	2534165,976	13,018	PARAMENTO
542	4687459,819	2534165,563	12,995	SARDINEL
543	4687459,374	2534164,739	13,098	PARAMENTO
544	4687459,796	2534164,880	12,066	HCUENTA
545	4687460,214	2534165,291	12,049	HCUENTA
546	4687460,125	2534165,268	11,615	FCUENTA
547	4687459,947	2534164,986	11,737	FCUENTA
548	4687461,849	2534164,201	11,569	FCUENTA
549	4687461,355	2534163,797	11,553	FCUENTA
550	4687461,288	2534163,754	12,011	HCUENTA
551	4687461,812	2534164,259	12,073	HCUENTA
552	4687462,483	2534163,862	12,128	HCUENTA
553	4687462,409	2534163,798	11,698	FCUENTA
554	4687463,789	2534163,373	12,149	HCUENTA
555	4687463,763	2534163,305	11,628	FCUENTA
556	4687465,948	2534163,349	12,142	HCUENTA
557	4687466,073	2534162,693	12,175	HCUENTA
558	4687465,910	2534163,266	11,711	FCUENTA
559	4687465,990	2534162,763	11,696	FCUENTA
560	4687464,844	2534161,239	12,192	HCUENTA
561	4687464,795	2534161,329	11,612	FCUENTA
562	4687464,006	2534159,598	12,153	HCUENTA
563	4687463,894	2534159,509	11,469	FCUENTA
564	4687463,641	2534158,177	12,040	HCUENTA
565	4687463,504	2534158,179	11,956	FCUENTA
566	4687462,422	2534158,368	11,940	FCUENTA
567	4687462,354	2534158,316	13,229	HCUENTA
568	4687462,593	2534159,645	13,239	HCUENTA
569	4687462,640	2534159,647	12,645	FCUENTA
570	4687462,252	2534161,234	13,191	HCUENTA
571	4687462,331	2534161,262	12,643	FCUENTA
572	4687462,021	2534165,547	12,372	PALTA
573	4687465,444	2534171,717	12,451	RDAS
574	4687464,197	2534172,814	12,485	SARDINEL
575	4687464,709	2534174,946	12,577	PARAMENTO
576	4687463,928	2534171,269	12,303	BVIA
577	4687463,601	2534169,023	12,240	EVIA
578	4687463,064	2534166,063	12,223	BVIA
579	4687468,154	2534171,676	12,368	CERCA
580	4687469,171	2534170,699	12,274	BVIA
581	4687469,420	2534168,091	12,221	EVIA

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582	4687469,610	2534164,636	12,197	BVIA
583	4687470,026	2534162,069	12,215	PARAMENTO
584	4687469,657	2534160,015	12,804	PARAMENTO
585	4687476,309	2534170,212	12,462	SARDINEL
586	4687476,332	2534169,731	12,241	BVIA
587	4687476,292	2534167,602	12,257	EVIA
588	4687476,766	2534165,041	12,218	BVIA
589	4687476,766	2534164,400	12,201	HCUENTA
590	4687476,734	2534163,660	12,187	HCUENTA
591	4687476,575	2534163,789	11,725	FCUENTA
592	4687476,733	2534164,335	11,743	FCUENTA
593	4687478,202	2534162,675	12,433	PARAMENTO
594	4687483,564	2534165,328	12,258	HCUENTA
595	4687483,549	2534164,659	12,172	HCUENTA
596	4687483,494	2534164,722	11,707	FCUENTA
597	4687483,509	2534165,265	11,734	FCUENTA
598	4687484,258	2534165,611	11,771	FCUENTA
599	4687484,505	2534165,139	11,726	FCUENTA
600	4687484,135	2534165,610	12,186	HCUENTA
601	4687484,453	2534165,038	12,244	HCUENTA
602	4687483,873	2534166,133	12,163	PALTA
603	4687483,103	2534166,568	12,240	BVIA
604	4687482,076	2534168,197	12,229	EVIA
605	4687481,598	2534170,486	12,297	BVIA
606	4687485,299	2534173,019	12,509	PARAMENTO
607	4687485,661	2534172,390	12,382	BVIA
608	4687486,571	2534170,723	12,264	EVIA
609	4687487,750	2534169,033	12,274	BVIA
610	4687490,377	2534177,339	12,735	PARAMENTO
611	4687491,096	2534176,785	12,691	SARDINEL
612	4687491,761	2534176,377	12,362	BVIA
613	4687492,979	2534174,953	12,278	EVIA
614	4687494,230	2534173,218	12,221	BVIA
615	4687494,796	2534172,155	12,234	SAGUA
616	4687493,954	2534171,547	12,252	SAGUA
617	4687494,337	2534172,602	12,217	HCUENTA
618	4687494,575	2534172,001	12,157	HCUENTA
619	4687494,580	2534172,046	11,805	FCUENTA
620	4687494,306	2534172,524	11,788	FCUENTA
621	4687495,004	2534171,239	12,840	PARAMENTO
622	4687490,801	2534167,672	12,879	PARAMENTO

623	4687490,029	2534168,763	12,848	SARDINEL
624	4687496,905	2534174,463	12,212	HCUENTA
625	4687497,314	2534174,033	12,159	HCUENTA
626	4687497,299	2534174,032	11,798	FCUENTA
627	4687496,896	2534174,457	11,780	FCUENTA
628	4687496,395	2534174,927	12,213	BVIA
629	4687495,211	2534176,342	12,278	EVIA
630	4687493,607	2534177,782	12,325	BVIA
631	4687500,681	2534178,313	12,324	HCUENTA
632	4687501,032	2534178,018	12,233	HCUENTA
633	4687501,161	2534177,995	11,686	FCUENTA
634	4687500,719	2534178,304	11,764	FCUENTA
635	4687499,009	2534178,204	12,291	BVIA
636	4687497,722	2534179,576	12,270	EVIA
637	4687496,075	2534181,161	12,657	BVIA
638	4687495,886	2534183,590	12,543	SARDINEL
639	4687495,330	2534183,984	12,549	PARAMENTO
640	4687500,831	2534177,807	12,858	SARDINEL
641	4687501,481	2534177,377	12,598	PARAMENTO
642	4687505,884	2534184,503	12,478	SARDINEL
643	4687505,871	2534184,553	12,209	HCUENTA
644	4687505,296	2534184,893	12,269	HCUENTA
645	4687505,370	2534184,838	11,766	FCUENTA
646	4687505,854	2534184,521	11,783	FCUENTA
647	4687504,645	2534185,259	12,312	BVIA
648	4687502,623	2534186,444	12,280	EVIA
649	4687500,404	2534188,051	12,274	BVIA
650	4687499,754	2534189,085	12,478	SARDINEL
651	4687499,304	2534189,437	12,568	PARAMENTO
652	4687506,663	2534188,227	12,319	PALTA
653	4687507,723	2534187,490	12,395	SAGUA
654	4687508,216	2534187,922	12,230	SAGUA
655	4687508,403	2534189,141	12,252	HCUENTA
656	4687508,969	2534188,833	12,139	HCUENTA
657	4687508,986	2534188,875	11,752	FCUENTA
658	4687508,467	2534189,198	11,753	FCUENTA
659	4687509,027	2534188,897	12,551	SARDINEL
660	4687509,942	2534188,179	12,576	PARAMENTO
661	4687507,474	2534189,578	12,233	BVIA
662	4687505,180	2534190,980	12,263	EVIA
663	4687502,419	2534192,266	12,355	BVIA

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664	4687501,030	2534190,516	12,494	ARBOL
665	4687502,042	2534192,716	12,479	SARDINEL
666	4687501,622	2534193,123	12,578	PARAMENTO
667	4687502,169	2534193,735	12,235	SAGUA
668	4687503,787	2534196,290	12,676	SARDINEL
669	4687502,975	2534196,617	12,697	PARAMENTO
670	4687512,175	2534196,089	12,248	HCUENTA
671	4687512,707	2534195,674	12,247	HCUENTA
672	4687512,704	2534195,756	11,820	FCUENTA
673	4687512,093	2534195,987	11,825	FCUENTA
674	4687512,714	2534195,819	12,589	SARDINEL
675	4687514,034	2534195,202	12,965	PARAMENTO
676	4687512,272	2534194,829	12,175	HCUENTA
677	4687511,741	2534195,210	12,305	HCUENTA
678	4687511,769	2534195,153	11,800	FCUENTA
679	4687512,309	2534194,844	11,809	FCUENTA
680	4687516,075	2534204,708	12,649	SARDINEL
681	4687516,086	2534204,832	12,249	HCUENTA
682	4687515,532	2534205,029	12,255	HCUENTA
683	4687515,567	2534205,048	11,835	FCUENTA
684	4687516,117	2534204,899	11,817	FCUENTA
685	4687518,015	2534204,702	12,867	PARAMENTO
686	4687514,736	2534205,886	12,243	BVIA
687	4687515,084	2534206,766	12,293	ARBOL
688	4687511,932	2534207,043	12,273	EVIA
689	4687509,480	2534207,970	12,299	BVIA
690	4687508,763	2534208,314	12,485	SARDINEL
691	4687508,349	2534208,861	12,633	PARAMENTO
692	4687512,803	2534216,510	12,355	BVIA
693	4687513,134	2534217,989	12,321	EVIA
694	4687513,647	2534219,892	12,326	BVIA
695	4687516,408	2534218,975	12,319	EVIA
696	4687518,481	2534218,248	12,335	BVIA
697	4687518,265	2534216,737	12,326	BVIA
698	4687517,438	2534214,933	12,285	BVIA
699	4687515,803	2534217,296	12,320	EVIA
700	4687515,347	2534215,643	12,333	EVIA
701	4687511,364	2534215,703	12,359	PARAMENTO
702	4687511,945	2534215,569	12,300	SARDINEL
703	4687510,862	2534216,488	12,379	BOX
704	4687511,084	2534217,064	12,388	BOX

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705	4687511,016	2534216,961	12,104	FBOX
706	4687510,891	2534216,669	12,071	FBOX
707	4687512,190	2534220,535	12,412	BOX
708	4687512,323	2534221,115	12,409	BOX
709	4687512,211	2534220,909	12,010	FBOX
710	4687512,118	2534220,618	11,971	FBOX
711	4687513,430	2534222,560	12,434	PARAMENTO
712	4687514,130	2534222,304	12,342	SARDINEL
713	4687519,274	2534219,271	12,432	PALTA
714	4687520,367	2534218,436	12,404	BOX
715	4687520,169	2534217,879	12,383	BOX
716	4687520,338	2534218,326	11,832	FBOX
717	4687520,251	2534218,075	11,818	FBOX
718	4687520,585	2534219,228	12,304	HCUENTA
719	4687521,308	2534219,011	12,276	HCUENTA
720	4687521,195	2534219,076	11,792	FCUENTA
721	4687520,683	2534219,233	11,837	FCUENTA
722	4687518,693	2534213,719	12,299	BOX
723	4687518,858	2534214,272	12,311	BOX
724	4687518,873	2534214,112	11,799	FBOX
725	4687518,787	2534213,854	11,788	FBOX
726	4687522,275	2534216,693	12,351	PARAMENTO
727	4687505,469	2534224,401	12,268	PARAMENTO
728	4687504,739	2534222,667	12,146	CERCA
729	4687505,944	2534222,774	12,221	HCANAL
730	4687505,650	2534221,919	12,338	HCANAL
731	4687505,723	2534222,277	12,112	FCANAL
732	4687505,775	2534222,479	12,117	FCANAL
733	4687505,674	2534221,428	12,419	BVIA
734	4687505,381	2534219,962	12,360	EVIA
735	4687505,064	2534218,585	12,400	BVIA
736	4687504,708	2534217,459	12,379	PARAMENTO
737	4687503,346	2534218,491	12,337	HCANAL
738	4687503,138	2534218,029	12,355	HCANAL
739	4687503,194	2534218,307	12,263	FCANAL
740	4687503,197	2534218,200	12,246	FCANAL
741	4687496,859	2534219,183	12,428	PARAMENTO
742	4687497,178	2534219,386	12,398	HCANAL
743	4687497,224	2534219,538	12,376	HCANAL
744	4687497,199	2534219,476	12,209	FCANAL
745	4687497,186	2534219,435	12,212	FCANAL

746	4687497,265	2534220,054	12,405	BVIA
747	4687497,422	2534221,273	12,449	EVIA
748	4687497,669	2534222,981	12,551	BVIA
749	4687497,711	2534223,405	12,404	HCANAL
750	4687497,810	2534224,193	12,372	HCANAL
751	4687497,776	2534223,884	12,236	FCANAL
752	4687497,744	2534223,719	12,211	FCANAL
753	4687497,848	2534224,331	12,327	CERCA
754	4687517,292	2534233,022	12,508	PARAMENTO
755	4687516,289	2534233,340	12,443	PARAMENTO
756	4687517,918	2534232,895	12,498	SARDINEL
757	4687518,246	2534233,630	12,801	SARDINEL
758	4687518,423	2534233,666	12,680	SAGUA
759	4687520,100	2534232,807	12,330	BVIA
760	4687521,827	2534232,011	12,273	EVIA
761	4687523,998	2534231,165	12,278	BVIA
762	4687525,211	2534230,090	12,127	HCANAL
763	4687526,481	2534229,440	12,185	HCANAL
764	4687526,160	2534229,400	11,925	FCANAL
765	4687525,362	2534229,690	11,948	FCANAL
766	4687520,292	2534219,975	12,269	HCANAL
767	4687521,639	2534219,534	12,113	HCANAL
768	4687521,110	2534219,774	11,871	FCANAL
769	4687520,510	2534219,906	11,844	FCANAL
770	4687524,976	2534226,885	12,796	SAGUA
771	4687527,341	2534230,415	12,851	SARDINEL
772	4687528,130	2534230,012	12,866	PARAMENTO
773	4687518,631	2534246,476	12,609	PARAMENTO
774	4687518,142	2534242,432	13,202	PARAMENTO
775	4687520,293	2534241,869	12,980	PARAMENTO
776	4687524,950	2534245,542	12,466	PARAMENTO
777	4687525,528	2534245,460	12,409	BVIA
778	4687527,595	2534244,691	12,353	EVIA
779	4687529,644	2534243,769	12,354	BVIA
780	4687530,447	2534243,579	12,269	HCANAL
781	4687531,749	2534243,333	12,216	HCANAL
782	4687531,395	2534243,516	11,999	FCANAL
783	4687531,010	2534243,753	11,995	FCANAL
784	4687531,117	2534238,247	12,968	SARDINEL
785	4687530,320	2534238,595	12,918	SARDINEL
786	4687528,800	2534254,181	12,568	RDAP

787	4687529,611	2534254,597	12,403	BVIA
788	4687531,259	2534253,518	12,382	EVIA
789	4687533,670	2534252,435	12,412	BVIA
790	4687534,416	2534253,216	12,469	PALTA
791	4687534,243	2534251,918	12,345	HCANAL
792	4687535,612	2534251,311	12,279	HCANAL
793	4687535,298	2534251,394	12,084	FCANAL
794	4687534,699	2534251,722	11,985	FCANAL
795	4687536,162	2534251,153	13,213	SARDINEL
796	4687537,449	2534250,572	13,243	PARAMENTO
797	4687536,808	2534252,913	12,847	SAGUA
798	4687540,012	2534260,908	12,427	SAGUA
799	4687540,023	2534260,512	12,729	SAGUA
800	4687532,542	2534263,199	12,414	PARAMENTO
801	4687530,965	2534263,928	12,470	PARAMENTO
802	4687531,248	2534264,868	12,312	SARDINEL
803	4687534,065	2534265,546	12,341	BVIA
804	4687534,592	2534267,511	12,407	EVIA
805	4687535,585	2534269,349	12,412	BVIA
806	4687537,461	2534268,841	12,408	EVIA
807	4687539,760	2534268,040	12,406	BVIA
808	4687539,226	2534266,260	12,388	BVIA
809	4687538,310	2534263,973	12,340	BVIA
810	4687536,100	2534264,774	12,333	EVIA
811	4687536,995	2534267,117	12,413	EVIA
812	4687535,565	2534271,614	12,464	SARDINEL
813	4687534,574	2534273,193	12,706	PARAMENTO
814	4687521,395	2534266,994	12,577	PARAMENTO
815	4687521,732	2534267,895	12,350	SARDINEL
816	4687521,765	2534268,075	12,374	SARDINEL
817	4687522,094	2534268,768	12,438	BVIA
818	4687522,962	2534270,796	12,472	EVIA
819	4687523,490	2534272,560	12,480	BVIA
820	4687523,903	2534273,948	12,882	SARDINEL
821	4687524,052	2534275,582	12,927	PARAMENTO
822	4687513,941	2534269,458	12,858	PARAMENTO
823	4687514,133	2534270,406	12,422	SARDINEL
824	4687514,346	2534271,107	12,595	BVIA
825	4687514,561	2534272,747	12,534	EVIA
826	4687515,065	2534275,078	12,693	BVIA
827	4687515,191	2534275,947	12,625	SARDINEL

828	4687515,518	2534277,598	12,696	PARAMENTO
829	4687544,515	2534276,167	12,559	ARBOL
830	4687539,713	2534281,616	12,689	SARDINEL
831	4687538,244	2534282,101	12,725	PARAMENTO
832	4687540,387	2534281,190	12,566	BVIA
833	4687542,510	2534280,549	12,504	EVIA
834	4687544,794	2534279,756	12,496	BVIA
835	4687545,512	2534279,360	12,395	HCANAL
836	4687546,577	2534278,974	12,311	HCANAL
837	4687545,950	2534279,255	12,000	FCANAL
838	4687546,356	2534279,116	12,143	FCANAL
839	4687548,354	2534279,563	12,823	SARDINEL
840	4687547,190	2534280,031	13,020	PARAMENTO
841	4687541,330	2534284,618	12,747	RDAP
842	4687547,401	2534281,507	12,265	SAGUA
843	4687547,261	2534285,754	12,607	PALTA
844	4687542,929	2534289,045	12,746	RDAP
845	4687544,626	2534296,335	12,796	PARAMENTO
846	4687545,444	2534295,975	12,744	SARDINEL
847	4687546,501	2534295,625	12,602	BVIA
848	4687548,275	2534294,623	12,582	EVIA
849	4687550,226	2534293,938	12,529	BVIA
850	4687551,392	2534293,222	12,519	HCANAL
851	4687552,627	2534292,577	12,418	HCANAL
852	4687552,187	2534292,698	12,224	FCANAL
853	4687551,895	2534292,790	12,196	FCANAL
854	4687550,564	2534291,978	12,677	ARBOL
855	4687551,977	2534290,507	12,680	SAGUA
856	4687545,411	2534293,648	12,851	ARBOL
857	4687547,714	2534299,221	12,714	ARBOL
858	4687548,802	2534302,021	12,712	ARBOL
859	4687549,098	2534303,943	12,691	RDAP
860	4687547,793	2534304,467	12,667	PARAMENTO
861	4687548,015	2534304,381	12,695	PARAMENTO
862	4687548,717	2534304,148	12,629	SARDINEL
863	4687548,905	2534304,091	12,708	SARDINEL
864	4687550,129	2534306,830	12,746	RDAP
865	4687558,009	2534306,294	12,372	SAGUA
866	4687558,040	2534306,412	12,443	SAGUA
867	4687557,783	2534305,609	12,617	RDAS
868	4687554,316	2534295,383	12,562	PARAMENTO

869	4687554,111	2534295,555	12,577	PARAMENTO
870	4687554,155	2534295,423	12,610	SAGUA
871	4687548,951	2534307,501	12,843	PARAMENTO
872	4687549,974	2534307,156	12,748	SARDINEL
873	4687551,016	2534306,778	12,655	CERCA
874	4687551,669	2534306,619	12,574	BVIA
875	4687553,578	2534305,947	12,557	EVIA
876	4687555,669	2534305,144	12,466	BVIA
877	4687556,178	2534305,025	12,349	HCANAL
878	4687557,344	2534304,586	12,424	HCANAL
879	4687556,938	2534304,696	12,217	FCANAL
880	4687556,597	2534304,756	12,198	FCANAL
881	4687554,744	2534317,985	12,614	CERCA
882	4687554,900	2534318,635	12,666	BOX
883	4687555,098	2534319,173	12,642	BOX
884	4687554,926	2534318,781	12,245	FBOX
885	4687555,000	2534319,032	12,253	FBOX
886	4687556,076	2534319,034	12,554	BVIA
887	4687557,761	2534318,418	12,587	EVIA
888	4687559,820	2534317,683	12,578	BVIA
889	4687560,832	2534319,771	12,587	BVIA
890	4687561,634	2534321,622	12,638	BVIA
891	4687559,725	2534322,225	12,613	EVIA
892	4687557,406	2534322,858	12,569	BVIA
893	4687556,538	2534321,164	12,493	EVIA
894	4687558,771	2534320,518	12,487	EVIA
895	4687557,343	2534324,515	12,430	PARAMENTO
896	4687556,493	2534323,232	12,631	BOX
897	4687556,612	2534323,743	12,633	BOX
898	4687556,498	2534323,368	12,250	FBOX
899	4687556,573	2534323,629	12,254	FBOX
900	4687552,437	2534317,673	12,797	PARAMENTO
901	4687547,715	2534319,162	12,776	PARAMENTO
902	4687547,861	2534319,627	12,752	CERCA
903	4687547,951	2534320,403	12,546	HCUENTA
904	4687547,958	2534320,774	12,558	HCUENTA
905	4687547,974	2534320,710	12,338	FCUENTA
906	4687547,917	2534320,478	12,338	FCUENTA
907	4687548,038	2534321,039	12,545	BVIA
908	4687548,546	2534322,688	12,522	EVIA
909	4687549,020	2534324,632	12,490	BVIA

910	4687549,137	2534324,820	12,501	HCUENTA
911	4687549,208	2534325,190	12,521	HCUENTA
912	4687549,233	2534325,116	12,279	FCUENTA
913	4687549,166	2534324,861	12,260	FCUENTA
914	4687549,603	2534326,671	12,676	PARAMENTO
915	4687546,596	2534327,485	12,705	PARAMENTO
916	4687546,407	2534326,939	12,671	PARAMENTO
917	4687543,454	2534327,815	12,713	PARAMENTO
918	4687543,287	2534326,340	12,542	HCUENTA
919	4687543,280	2534325,931	12,546	HCUENTA
920	4687543,244	2534326,008	12,284	FCUENTA
921	4687543,316	2534326,271	12,278	FCUENTA
922	4687543,213	2534325,765	12,517	BVIA
923	4687542,779	2534323,950	12,565	EVIA
924	4687542,289	2534322,164	12,533	BVIA
925	4687541,831	2534320,911	12,644	PARAMENTO
926	4687541,715	2534321,693	12,492	HCUENTA
927	4687541,779	2534322,054	12,574	HCUENTA
928	4687541,722	2534322,021	12,333	FCUENTA
929	4687541,627	2534321,750	12,324	FCUENTA
930	4687561,290	2534319,939	12,599	PALTA
931	4687562,610	2534321,904	12,664	BOX
932	4687562,406	2534321,289	12,649	BOX
933	4687562,477	2534321,636	12,319	FBOX
934	4687562,561	2534321,881	12,354	FBOX
935	4687560,818	2534316,869	12,246	FBOX
936	4687560,873	2534316,955	12,199	FBOX
937	4687560,869	2534317,292	12,638	BOX
938	4687560,687	2534316,699	12,628	BOX
939	4687563,280	2534319,109	12,844	PARAMENTO
940	4687562,107	2534319,487	12,504	SARDINEL
941	4687561,804	2534319,598	12,531	HCANAL
942	4687562,125	2534319,551	12,495	HCANAL
943	4687562,149	2534319,593	12,217	FCANAL
944	4687561,952	2534319,601	12,207	FCANAL
945	4687562,607	2534322,293	12,548	HCANAL
946	4687563,178	2534322,019	12,466	HCANAL
947	4687562,850	2534322,144	12,247	FCANAL
948	4687562,811	2534322,144	12,225	FCANAL
949	4687563,566	2534323,941	12,585	HCANAL
950	4687563,985	2534323,732	12,566	HCANAL

951	4687563,971	2534323,750	12,257	FCANAL
952	4687563,872	2534323,854	12,262	FCANAL
953	4687562,767	2534337,238	12,753	RDAP
954	4687562,602	2534337,386	12,596	PARAMENTO
955	4687563,287	2534337,384	12,636	BVIA
956	4687565,279	2534336,384	12,610	EVIA
957	4687567,988	2534335,511	12,627	BVIA
958	4687568,938	2534335,356	12,619	SARDINEL
959	4687570,818	2534334,604	12,547	PARAMENTO
960	4687569,706	2534336,260	12,543	HCANAL
961	4687569,354	2534336,365	12,675	HCANAL
962	4687569,676	2534336,289	12,363	FCANAL
963	4687569,452	2534336,388	12,215	FCANAL
964	4687570,702	2534342,749	12,732	PALTA
965	4687567,000	2534348,059	12,657	PARAMENTO
966	4687567,908	2534347,958	12,653	BVIA
967	4687569,636	2534347,323	12,649	EVIA
968	4687571,822	2534346,776	12,742	BVIA
969	4687572,309	2534342,410	12,878	SARDINEL
970	4687570,987	2534343,078	12,757	SARDINEL
971	4687573,002	2534342,079	13,020	PARAMENTO
972	4687568,870	2534353,468	12,752	ARBOL
973	4687577,114	2534353,363	12,974	PARAMENTO
974	4687575,820	2534354,172	12,909	SARDINEL
975	4687574,903	2534354,714	12,700	BVIA
976	4687573,260	2534355,366	12,717	EVIA
977	4687570,924	2534356,432	12,814	BVIA
978	4687572,781	2534362,918	12,896	PARAMENTO
979	4687573,838	2534362,765	12,838	BVIA
980	4687575,314	2534362,091	12,800	EVIA
981	4687577,066	2534361,432	12,853	BVIA
982	4687578,030	2534361,135	12,752	HCANAL
983	4687579,262	2534360,543	12,668	HCANAL
984	4687578,976	2534360,646	12,384	FCANAL
985	4687578,462	2534360,900	12,420	FCANAL
986	4687578,708	2534360,297	12,815	SARDINEL
987	4687580,231	2534359,616	13,133	PARAMENTO
988	4687576,370	2534374,345	12,841	ARBOL
989	4687575,125	2534375,137	12,874	PARAMENTO
990	4687584,143	2534375,530	12,900	PALTA
991	4687580,284	2534383,273	13,007	PBAJA

992	4687582,498	2534370,739	12,691	HCANAL
993	4687581,545	2534371,309	12,686	HCANAL
994	4687581,908	2534371,265	12,440	FCANAL
995	4687582,430	2534370,973	12,489	FCANAL
996	4687584,355	2534372,957	12,728	HCANAL
997	4687583,970	2534373,257	12,608	HCANAL
998	4687584,048	2534373,215	12,509	FCANAL
999	4687584,404	2534373,050	12,455	FCANAL
1000	4687585,277	2534375,081	12,676	HCANAL
1001	4687584,851	2534375,205	12,567	HCANAL
1002	4687585,001	2534375,114	12,471	FCANAL
1003	4687585,204	2534375,039	12,497	FCANAL
1004	4687585,381	2534376,294	12,554	FCANAL
1005	4687585,589	2534376,372	12,680	HCANAL
1006	4687585,031	2534375,948	12,490	FCANAL
1007	4687584,798	2534375,710	12,627	HCANAL
1008	4687584,091	2534376,737	12,666	HCANAL
1009	4687584,861	2534377,088	12,635	HCANAL
1010	4687584,472	2534376,703	12,493	FCANAL
1011	4687584,964	2534376,851	12,461	FCANAL
1012	4687580,705	2534380,475	12,674	HCANAL
1013	4687579,757	2534380,122	12,606	HCANAL
1014	4687579,496	2534380,844	12,661	HCANAL
1015	4687580,707	2534380,784	12,641	HCANAL
1016	4687580,396	2534380,832	12,405	FCANAL
1017	4687580,399	2534380,387	12,470	FCANAL
1018	4687579,877	2534380,217	12,392	FCANAL
1019	4687579,677	2534380,801	12,384	FCANAL
1020	4687587,723	2534372,968	13,003	PARAMENTO
1021	4687585,296	2534373,651	12,794	PARAMENTO
1022	4687579,503	2534383,501	13,434	PARAMENTO
1023	4687581,740	2534382,111	12,797	BVIA
1024	4687583,565	2534381,653	12,748	EVIA
1025	4687585,615	2534380,725	12,889	BVIA
1026	4687587,342	2534380,256	13,159	PARAMENTO
1027	4687587,364	2534382,351	13,147	RDAS
1028	4687587,625	2534382,949	12,998	RDAP
1029	4687588,610	2534384,375	13,293	PARAMENTO
1030	4687588,011	2534384,605	13,263	SARDINEL
1031	4687588,370	2534387,251	12,899	ARBOL
1032	4687589,504	2534387,133	13,368	PARAMENTO

1033	4687590,328	2534386,887	13,397	PARAMENTO
1034	4687591,131	2534394,385	13,031	SAGUA
1035	4687591,161	2534394,585	13,086	SARDINEL
1036	4687592,550	2534394,162	13,183	PARAMENTO
1037	4687590,506	2534394,918	12,868	BVIA
1038	4687588,822	2534395,096	12,868	EVIA
1039	4687586,651	2534395,865	12,738	BVIA
1040	4687586,110	2534396,044	12,718	HCANAL
1041	4687585,432	2534396,038	12,717	HCANAL
1042	4687585,659	2534396,035	12,458	FCANAL
1043	4687585,872	2534396,003	12,452	FCANAL
1044	4687584,030	2534396,659	13,473	PARAMENTO
1045	4687590,077	2534391,766	13,384	ARBOL
1046	4687587,907	2534404,175	12,960	PBAJA
1047	4687587,843	2534407,712	13,596	PARAMENTO
1048	4687588,671	2534407,425	13,006	HCANAL
1049	4687590,034	2534407,188	12,872	HCANAL
1050	4687589,502	2534407,260	12,503	FCANAL
1051	4687589,208	2534407,271	12,433	FCANAL
1052	4687590,487	2534406,969	12,921	BVIA
1053	4687592,736	2534405,826	12,935	EVIA
1054	4687594,993	2534405,253	13,106	BVIA
1055	4687594,927	2534403,859	13,150	RDAP
1056	4687596,581	2534406,286	13,321	RDAP
1057	4687596,447	2534404,615	13,354	PARAMENTO
1058	4687598,122	2534414,120	13,011	PALTA
1059	4687591,167	2534418,452	13,014	PBAJA
1060	4687590,382	2534415,236	13,244	PARAMENTO
1061	4687594,379	2534417,594	12,885	VALBULA
1062	4687592,945	2534417,846	12,866	BOX
1063	4687591,917	2534418,187	12,866	BOX
1064	4687592,537	2534417,895	12,459	FBOX
1065	4687592,303	2534417,987	12,438	FBOX
1066	4687590,032	2534418,780	12,983	PALTA
1067	4687589,359	2534417,713	12,889	PARAMENTO
1068	4687582,202	2534415,885	12,992	PARAMENTO
1069	4687572,791	2534413,516	12,961	PARAMENTO
1070	4687572,541	2534414,608	12,944	BPAVCON
1071	4687571,186	2534420,534	12,926	BPAVCON
1072	4687571,180	2534420,640	13,017	HCUENTA
1073	4687571,087	2534420,921	13,083	HCUENTA

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Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

1074	4687571,095	2534420,873	12,923	FCUENTA
1075	4687571,103	2534420,687	12,918	FCUENTA
1076	4687569,954	2534421,610	13,130	SARDINEL
1077	4687569,031	2534423,365	13,225	PARAMENTO
1078	4687580,282	2534424,638	13,100	SARDINEL
1079	4687580,598	2534423,516	13,058	HCUENTA
1080	4687580,700	2534423,257	13,053	HCUENTA
1081	4687580,664	2534423,308	12,874	FCUENTA
1082	4687580,590	2534423,475	12,882	FCUENTA
1083	4687580,623	2534423,159	12,908	BPAVCON
1084	4687581,937	2534417,195	12,928	BPAVCON
1085	4687592,575	2534420,065	12,891	BPAVCON
1086	4687595,151	2534427,448	12,927	BPAVCON
1087	4687593,526	2534427,407	13,060	HCUENTA
1088	4687593,415	2534427,776	13,074	HCUENTA
1089	4687593,625	2534427,171	13,037	HCUENTA
1090	4687593,589	2534427,393	12,736	FCUENTA
1091	4687593,537	2534427,638	12,726	FCUENTA
1092	4687594,786	2534428,115	12,778	FCUENTA
1093	4687595,150	2534427,664	12,758	FCUENTA
1094	4687594,732	2534428,161	12,970	HCUENTA
1095	4687595,130	2534427,588	12,903	HCUENTA
1096	4687595,368	2534429,790	12,965	HCUENTA
1097	4687595,689	2534429,668	13,050	HCUENTA
1098	4687595,383	2534429,710	12,825	FCUENTA
1099	4687595,654	2534429,596	12,802	FCUENTA
1100	4687596,599	2534428,527	12,958	BOX
1101	4687595,528	2534428,843	12,898	BOX
1102	4687596,439	2534428,697	12,343	FBOX
1103	4687595,894	2534428,874	12,334	FBOX
1104	4687595,422	2534429,878	12,971	SARDINEL
1105	4687595,785	2534432,184	13,409	PARAMENTO
1106	4687596,726	2534428,151	12,943	BPAVCON
1107	4687598,080	2534429,108	13,046	BPAVCON
1108	4687596,820	2534429,384	13,183	ANDEN
1109	4687597,823	2534430,334	13,305	ANDEN
1110	4687598,536	2534431,613	13,341	ANDEN
1111	4687599,499	2534431,239	13,145	BPAVCON
1112	4687599,159	2534430,434	13,110	BPAVCON
1113	4687602,361	2534437,344	13,233	BPAVCON
1114	4687601,472	2534437,754	13,337	ANDEN

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1115	4687600,008	2534438,480	13,469	PARAMENTO
1116	4687600,838	2534437,979	13,409	SARDINEL
1117	4687607,399	2534435,084	13,277	BPAVCON
1118	4687608,292	2534434,572	13,499	ANDEN
1119	4687609,430	2534433,636	13,679	SARDINEL
1120	4687611,077	2534434,421	13,753	PARAMENTO
1121	4687605,257	2534445,847	13,443	ANDEN
1122	4687604,953	2534445,927	13,539	PARAMENTO
1123	4687606,132	2534445,415	13,213	BPAVCON
1124	4687611,011	2534442,918	13,290	BPAVCON
1125	4687611,990	2534442,406	13,472	ANDEN
1126	4687613,098	2534441,837	13,742	SARDINEL
1127	4687614,209	2534441,527	13,725	PARAMENTO
1128	4687607,087	2534434,184	13,282	BPAVCON
1129	4687607,166	2534432,865	13,245	BPAVCON
1130	4687607,772	2534430,124	13,330	BPAVCON
1131	4687608,167	2534428,889	13,353	BPAVCON
1132	4687608,766	2534430,272	13,508	ANDEN
1133	4687608,006	2534433,295	13,510	ANDEN
1134	4687607,982	2534433,809	13,506	ANDEN
1135	4687608,147	2534428,547	13,344	BPAVCON
1136	4687611,035	2534428,064	13,495	BPAVCON
1137	4687616,882	2534426,748	13,684	BPAVCON
1138	4687618,883	2534429,630	13,731	SARDINEL
1139	4687619,573	2534430,796	13,735	PARAMENTO
1140	4687615,171	2534420,307	13,685	BPAVCON
1141	4687614,888	2534419,268	13,635	ANDEN
1142	4687614,056	2534416,616	13,525	PARAMENTO
1143	4687611,340	2534421,520	13,537	BPAVCON
1144	4687601,873	2534421,894	13,096	BPAVCON
1145	4687603,374	2534419,318	13,211	PARAMENTO
1146	4687602,412	2534419,173	13,297	PARAMENTO
1147	4687601,209	2534418,684	13,310	PARAMENTO
1148	4687599,869	2534417,670	13,323	PARAMENTO
1149	4687599,783	2534415,882	13,384	PARAMENTO
1150	4687597,187	2534421,162	12,921	BPAVCON
1151	4687599,944	2534421,205	12,979	BVIA
1152	4687597,171	2534420,708	12,916	EVIA
1153	4687594,438	2534420,343	12,856	BVIA
1154	4687600,364	2534425,081	13,052	MH
RF180	4688188,804	2533926,135	11,899	REFERENCIA

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Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

ESTUDIOS Y DISEÑOS PARA LAFORMULACION DE PROYECTOS DE DE INFRAESTRUCTURA VIAL A REALIZAR POR LA SECRETARIA DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA
CARTERA DE COORDENADAS DIAG 17A-18 -20- Y 21

Numero	Este	Norte	Elevacion	Codigo
3	4681134,232	2525155,312	14,889	BPAVCON
4	4681134,501	2525156,519	15,090	ANDEN
5	4681132,519	2525149,591	14,891	BPAVCON
6	4681132,479	2525148,361	15,101	ANDEN
7	4681132,360	2525146,942	14,903	PARAMENTO
8	4681122,518	2525150,992	15,139	ANDEN
9	4681122,988	2525152,146	14,912	BPAVCON
10	4681124,913	2525157,798	14,895	BPAVCON
11	4681125,327	2525158,958	15,113	ANDEN
12	4681113,824	2525163,180	15,623	ANDEN
13	4681113,634	2525161,993	15,397	BPAVCON
14	4681110,143	2525163,800	15,912	ANDEN
15	4681110,257	2525162,585	15,692	BPAVCON
16	4681110,108	2525156,588	15,671	BPAVCON
17	4681112,672	2525156,087	15,398	BPAVCON
18	4681112,354	2525154,891	15,593	ANDEN
19	4681110,060	2525155,344	15,903	ANDEN
20	4681107,744	2525155,152	16,062	ANDEN
21	4681107,649	2525155,358	16,074	PUENTE
22	4681107,250	2525156,284	16,061	BPAVCON
23	4681104,691	2525161,756	16,048	BPAVCON
24	4681104,266	2525162,877	16,295	ANDEN
25	4681104,244	2525162,701	16,070	PUENTE
26	4681099,881	2525161,102	16,069	PUENTE
27	4681100,340	2525160,128	16,068	BPAVCON
28	4681101,728	2525157,246	16,067	EPAVCON
29	4681102,860	2525154,832	16,076	BPAVCON
30	4681103,312	2525153,810	16,076	PUENTE
31	4681102,404	2525154,663	15,877	BVIA
32	4681101,102	2525157,277	15,926	EVIA
33	4681099,966	2525159,966	15,883	BVIA
34	4681097,646	2525158,926	15,407	EVIA

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35	4681095,576	2525157,787	15,210	BVIA
36	4681096,695	2525155,510	15,248	EVIA
37	4681098,211	2525152,705	15,210	BVIA
38	4681100,293	2525153,781	15,486	EVIA
39	4681103,853	2525149,808	14,943	BVIA
40	4681102,447	2525149,154	14,962	EVIA
41	4681100,740	2525148,444	14,969	BVIA
42	4681098,611	2525150,766	15,221	SARDINEL
43	4681097,782	2525148,202	15,331	PARAMENTO
44	4681098,660	2525151,456	15,194	PALTA
45	4681097,938	2525151,827	15,034	HCUNETA
46	4681098,082	2525151,513	15,218	HCUNETA
47	4681097,983	2525151,510	14,152	FCUNETA
48	4681097,922	2525151,619	14,159	FCUNETA
49	4681106,426	2525150,305	13,694	FCUNETA
50	4681106,399	2525151,037	13,325	FCANAL
51	4681107,517	2525151,502	13,391	FCANAL
52	4681104,700	2525150,154	14,924	HCANAL
53	4681109,306	2525152,050	14,867	HCANAL
54	4681111,348	2525150,383	14,988	PARAMENTO
55	4681112,887	2525143,152	14,566	HCANAL
56	4681111,531	2525142,385	13,203	FCANAL
57	4681114,543	2525143,226	14,850	PARAMENTO
58	4681119,750	2525129,076	14,567	HCANAL
59	4681138,459	2525089,784	15,243	HCANAL
60	4681121,002	2525129,289	14,902	PARAMENTO
61	4681099,108	2525156,095	15,602	EVIA
62	4681109,805	2525141,095	14,641	HCANAL
63	4681111,183	2525141,925	13,349	FCANAL
64	4681108,785	2525140,807	14,812	BVIA
65	4681106,890	2525139,885	14,825	EVIA
66	4681104,923	2525138,718	14,898	BVIA
67	4681104,631	2525138,519	15,194	SARDINEL
68	4681170,485	2525017,070	15,461	HCANAL
69	4681116,296	2525127,815	14,868	HCANAL
70	4681115,127	2525127,242	14,898	BVIA
71	4681113,336	2525126,496	14,892	EVIA
72	4681111,666	2525125,706	14,995	BVIA
73	4681110,752	2525125,297	15,344	SARDINEL
74	4681109,115	2525124,545	15,224	PARAMENTO
75	4681094,341	2525157,624	14,961	HCUNETA

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76	4681094,184	2525158,007	14,949	HCUNETA
77	4681094,208	2525157,922	14,279	FCUNETA
78	4681094,261	2525157,753	14,246	FCUNETA
79	4681099,953	2525162,348	13,962	FCUNETA
80	4681098,073	2525164,247	14,907	HCANAL
81	4681099,430	2525165,034	13,310	FCANAL
82	4681097,085	2525164,008	15,071	BVIA
83	4681095,086	2525163,129	15,125	EVIA
84	4681093,296	2525162,263	15,131	BVIA
85	4681094,593	2525158,273	15,573	SARDINEL
86	4681091,756	2525160,853	15,660	PARAMENTO
87	4680947,360	2525132,459	15,442	PARAMENTO
88	4681086,910	2525174,331	15,627	SARDINEL
89	4681087,613	2525174,300	15,230	BVIA
90	4681089,363	2525175,062	15,069	EVIA
91	4681091,014	2525175,563	15,010	BVIA
92	4681092,119	2525176,047	15,018	HCANAL
93	4681093,871	2525176,116	13,709	FCANAL
94	4681095,843	2525177,762	14,728	HCANAL
95	4681094,310	2525176,962	13,299	FCANAL
96	4681097,315	2525178,108	15,105	PARQUE
97	4681101,469	2525166,233	14,542	HCANAL
98	4681100,225	2525165,595	13,323	FCANAL
99	4681103,508	2525166,076	15,136	PARQUE
100	4681113,656	2525163,488	15,257	PARQUE
101	4681088,687	2525146,214	15,244	SARDINEL
102	4681088,366	2525146,892	15,187	HCUNETA
103	4681088,242	2525147,218	14,902	HCUNETA
104	4681088,258	2525147,083	14,305	FCUNETA
105	4681088,317	2525146,958	14,292	FCUNETA
106	4681088,119	2525147,586	14,941	BVIA
107	4681086,510	2525150,178	14,983	EVIA
108	4681085,201	2525152,860	14,947	BVIA
109	4681084,909	2525153,102	14,844	HCUNETA
110	4681084,748	2525153,420	14,888	HCUNETA
111	4681084,829	2525153,617	14,887	SARDINEL
112	4681084,982	2525153,262	14,233	FCUNETA
113	4681084,928	2525153,395	14,235	FCUNETA
114	4681084,640	2525153,373	14,414	SAGUA
115	4681075,400	2525152,881	15,006	PARAMENTO
116	4681080,161	2525142,809	15,244	PALTA

117	4681080,445	2525142,170	15,238	SARDINEL
118	4681076,053	2525140,621	15,187	RDAP
119	4681072,656	2525139,071	15,196	RDAP
120	4681071,034	2525138,694	14,950	SAGUA
121	4681071,835	2525139,046	14,747	SAGUA
122	4681071,420	2525138,864	14,593	SAGUA
123	4681072,117	2525139,223	14,445	SAGUA
124	4681069,337	2525137,404	15,181	RDAP
125	4681073,024	2525136,428	15,257	PARAMENTO
126	4681072,305	2525138,279	15,161	SARDINEL
127	4681071,785	2525139,014	14,951	HCUNETA
128	4681071,582	2525139,456	15,007	HCUNETA
129	4681071,660	2525139,271	14,430	FCUNETA
130	4681071,736	2525139,138	14,433	FCUNETA
131	4681071,333	2525139,715	14,991	BVIA
132	4681069,858	2525142,170	15,007	EVIA
133	4681068,492	2525144,949	15,077	BVIA
134	4681068,373	2525145,292	15,035	HCUNETA
135	4681068,259	2525145,524	15,017	HCUNETA
136	4681068,313	2525145,433	14,531	FCUNETA
137	4681068,318	2525145,383	14,433	FCUNETA
138	4681068,221	2525145,715	15,229	SARDINEL
139	4681067,221	2525148,502	15,430	PARAMENTO
140	4681064,985	2525143,935	14,893	SAGUA
141	4681064,478	2525143,851	14,930	SAGUA
142	4681064,281	2525135,467	14,939	SAGUA
143	4681063,694	2525135,322	14,727	SAGUA
144	4681063,988	2525135,427	14,654	SAGUA
145	4681063,621	2525134,940	14,998	PBAJA
146	4681063,918	2525134,806	14,999	SARDINEL
147	4681133,447	2525073,366	14,629	PARAMENTO
148	4681055,896	2525130,955	14,997	SARDINEL
149	4681055,568	2525131,339	14,834	HCUNETA
150	4681055,360	2525131,713	14,969	HCUNETA
151	4681055,424	2525131,577	14,554	FCUNETA
152	4681055,466	2525131,459	14,558	FCUNETA
153	4681055,622	2525131,449	14,610	SAGUA
154	4681055,253	2525131,874	14,930	BVIA
155	4681053,994	2525134,752	14,926	EVIA
156	4681052,802	2525137,482	14,888	BVIA
157	4681052,596	2525137,865	15,028	HCUNETA

158	4681052,425	2525138,163	14,972	HCUNETA
159	4681052,486	2525138,028	14,602	FCUNETA
160	4681052,527	2525137,943	14,567	FCUNETA
161	4681052,869	2525138,306	14,751	SAGUA
162	4681051,990	2525137,922	14,620	SAGUA
163	4681052,368	2525138,090	15,121	SARDINEL
164	4681050,809	2525141,106	15,192	PARAMENTO
165	4681044,536	2525134,730	15,140	PBAJA
166	4681047,830	2525127,651	14,958	PALTA
167	4681040,525	2525121,047	15,197	PARAMENTO
168	4681039,634	2525123,110	15,171	SARDINEL
169	4681039,174	2525123,717	14,965	HCUNETA
170	4681038,975	2525124,070	14,893	HCUNETA
171	4681039,004	2525123,985	14,640	FCUNETA
172	4681039,088	2525123,841	14,614	FCUNETA
173	4681038,756	2525124,390	14,939	BVIA
174	4681037,634	2525126,706	15,027	EVIA
175	4681035,984	2525129,698	15,138	BVIA
176	4681032,843	2525128,612	15,073	HCUNETA
177	4681032,694	2525128,953	15,099	HCUNETA
178	4681032,786	2525128,677	14,670	FCUNETA
179	4681032,676	2525128,796	14,653	FCUNETA
180	4681036,119	2525130,462	15,084	SARDINEL
181	4681035,515	2525121,983	14,765	SAGUA
182	4681031,110	2525119,877	15,144	SAGUA
183	4681030,143	2525119,043	15,310	PBAJA
184	4681030,805	2525119,417	15,297	RDAP
185	4681027,860	2525122,763	15,084	MH
186	4681024,142	2525124,972	14,782	SAGUA
187	4681019,387	2525122,676	15,137	SAGUA
188	4681018,104	2525122,005	15,101	SAGUA
189	4681017,284	2525121,662	15,255	SAGUA
190	4681019,597	2525122,746	15,445	SARDINEL
191	4681019,683	2525122,816	15,140	HCUNETA
192	4681019,884	2525122,512	15,093	HCUNETA
193	4681019,842	2525122,547	14,737	FCUNETA
194	4681019,794	2525122,716	14,733	FCUNETA
195	4681019,888	2525122,176	15,073	BVIA
196	4681021,349	2525119,225	15,084	EVIA
197	4681022,672	2525116,745	15,036	BVIA
198	4681022,773	2525116,448	14,984	HCUNETA

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199	4681022,957	2525116,131	15,102	HCUNETA
200	4681022,909	2525116,234	14,695	FCUNETA
201	4681022,841	2525116,370	14,702	FCUNETA
202	4681023,648	2525116,100	15,298	RDAP
203	4681023,337	2525116,274	15,129	SAGUA
204	4681023,124	2525115,523	15,142	SARDINEL
205	4681128,193	2525084,740	15,283	PARAMENTO
206	4681018,984	2525114,272	14,890	SAGUA
207	4681015,279	2525112,495	15,158	PALTA
208	4681012,957	2525110,982	15,144	RDAS
209	4681009,649	2525109,940	14,942	SAGUA
210	4681011,854	2525119,085	15,164	SAGUA
211	4681003,460	2525115,125	14,888	SAGUA
212	4681002,151	2525118,125	15,257	PARAMENTO
213	4681003,062	2525115,123	15,152	PBAJA
214	4681003,618	2525115,214	15,145	SARDINEL
215	4681003,602	2525115,182	15,091	HCUNETA
216	4681003,728	2525114,909	15,182	HCUNETA
217	4681003,683	2525114,977	14,766	FCUNETA
218	4681003,630	2525115,115	14,765	FCUNETA
219	4681001,103	2525113,907	14,891	SAGUA
220	4681003,910	2525114,505	15,205	BVIA
221	4681004,991	2525111,796	15,241	EVIA
222	4681006,195	2525109,087	15,143	BVIA
223	4681006,482	2525108,759	15,176	HCUNETA
224	4681006,671	2525108,398	15,139	HCUNETA
225	4681006,638	2525108,529	14,784	FCUNETA
226	4681006,546	2525108,668	14,744	FCUNETA
227	4681009,614	2525109,958	14,934	SAGUA
228	4681006,999	2525107,709	15,156	SARDINEL
229	4681007,942	2525105,647	15,235	PARAMENTO
230	4681003,390	2525106,980	14,919	SAGUA
231	4681001,783	2525106,211	15,012	SAGUA
232	4681003,487	2525106,379	15,164	RDAP
233	4681004,092	2525107,239	14,927	SAGUA
234	4681000,663	2525113,734	14,880	SAGUA
235	4680995,871	2525103,328	15,049	SAGUA
236	4680996,672	2525103,122	15,257	PBAJA
237	4680989,511	2525109,204	15,123	SAGUA
238	4680986,744	2525107,113	15,166	SAGUA
239	4680987,153	2525107,331	15,344	SARDINEL

240	4680987,188	2525107,317	15,262	HCUNETA
241	4680987,281	2525107,084	15,132	HCUNETA
242	4680987,258	2525107,154	14,825	FCUNETA
243	4680987,187	2525107,269	14,817	FCUNETA
244	4680987,477	2525106,687	15,142	BVIA
245	4680988,592	2525104,041	15,186	EVIA
246	4680989,969	2525101,379	15,256	BVIA
247	4680990,147	2525101,045	15,277	HCUNETA
248	4680990,278	2525100,793	15,291	HCUNETA
249	4680990,177	2525100,839	14,805	FCUNETA
250	4680990,149	2525100,917	14,840	FCUNETA
251	4680990,616	2525100,064	15,318	SARDINEL
252	4680990,459	2525100,819	14,883	SAGUA
253	4680990,216	2525100,728	14,982	SAGUA
254	4680990,072	2525100,654	14,969	SAGUA
255	4680991,977	2525101,558	15,068	SAGUA
256	4680987,342	2525099,048	15,373	RDAP
257	4680984,583	2525097,638	15,355	RDAP
258	4680983,238	2525096,909	15,297	RDAP
259	4680983,734	2525094,134	15,355	PARAMENTO
260	4680983,371	2525095,180	15,379	PARAMENTO
261	4680982,361	2525097,000	14,990	SAGUA
262	4680982,256	2525096,937	15,007	SAGUA
263	4680982,113	2525096,563	15,068	PALTA
264	4680981,443	2525095,578	15,251	RDAS
265	4680982,527	2525096,299	15,321	SARDINEL
266	4680981,867	2525097,616	15,363	BVIA
267	4680980,719	2525100,119	15,259	EVIA
268	4680979,338	2525102,883	15,313	BVIA
269	4680979,225	2525103,274	15,259	HCUNETA
270	4680979,023	2525103,569	15,108	HCUNETA
271	4680979,027	2525103,476	14,861	FCUNETA
272	4680979,152	2525103,362	14,920	FCUNETA
273	4680979,080	2525103,557	15,355	SARDINEL
274	4680978,807	2525104,353	15,085	SARDINEL
275	4680978,489	2525104,345	15,020	SAGUA
276	4680978,045	2525105,662	15,231	PARAMENTO
277	4680975,419	2525102,443	15,072	RDAP
278	4680977,805	2525106,573	15,658	PARAMENTO
279	4680978,173	2525094,964	14,942	SAGUA
280	4680969,012	2525088,269	15,228	PARAMENTO

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281	4680967,305	2525089,360	15,153	SARDINEL
282	4680966,139	2525087,018	15,197	SARDINEL
283	4680968,251	2525086,562	15,213	PARAMENTO
284	4680967,117	2525089,655	15,151	HCUNETA
285	4680966,968	2525089,937	15,081	HCUNETA
286	4680967,012	2525089,835	14,948	FCUNETA
287	4680967,087	2525089,695	14,946	FCUNETA
288	4680966,864	2525090,206	15,113	BVIA
289	4680965,812	2525092,813	15,255	EVIA
290	4680964,322	2525095,787	15,190	BVIA
291	4680964,172	2525096,097	15,113	HCUNETA
292	4680964,014	2525096,384	15,079	HCUNETA
293	4680964,032	2525096,299	14,942	FCUNETA
294	4680964,080	2525096,160	14,936	FCUNETA
295	4680963,644	2525097,015	15,166	SARDINEL
296	4680962,746	2525098,307	15,272	PARAMENTO
297	4680963,400	2525096,477	15,193	PBAJA
298	4680960,080	2525094,204	15,078	HCUNETA
299	4680959,936	2525094,495	15,098	HCUNETA
300	4680960,009	2525094,387	14,990	FCUNETA
301	4680960,082	2525094,315	15,001	FCUNETA
302	4680959,632	2525094,879	15,335	PALTA
303	4680961,368	2525096,102	15,216	SARDINEL
304	4680956,890	2525105,612	15,246	SARDINEL
305	4680955,858	2525105,205	15,251	SARDINEL
306	4680954,671	2525107,571	15,285	SARDINEL
307	4680958,772	2525106,471	15,363	PARAMENTO
308	4680953,841	2525104,295	15,159	BPAVCON
309	4680947,518	2525101,354	15,160	BPAVCON
310	4680946,107	2525100,798	15,334	PARAMENTO
311	4680951,368	2525089,700	15,333	PARAMENTO
312	4680952,664	2525090,501	15,130	BPAVCON
313	4680959,014	2525093,432	15,131	BPAVCON
314	4680960,162	2525090,853	15,170	EPAVCON
315	4680961,632	2525087,815	15,144	BPAVCON
316	4680963,226	2525087,195	15,190	PBAJA
317	4680963,683	2525087,802	15,236	PALTA
318	4680963,012	2525087,642	15,109	HCUNETA
319	4680962,842	2525087,991	15,111	HCUNETA
320	4680963,134	2525088,065	15,006	FCUNETA
321	4680963,204	2525087,861	15,005	FCUNETA

322	4680955,480	2525084,585	15,133	BPAVCON
323	4680954,159	2525083,810	15,330	PARAMENTO
324	4680957,066	2525089,511	15,177	MH
325	4680972,529	2525077,340	15,334	PARAMENTO
326	4680970,686	2525076,615	15,289	SARDINEL
327	4680967,730	2525075,068	15,110	BPAVCON
328	4680961,525	2525071,976	15,127	BPAVCON
329	4680960,089	2525071,287	15,317	PARAMENTO
330	4680962,679	2525088,252	15,133	BVIA
331	4680961,095	2525091,314	15,221	EVIA
332	4680960,006	2525093,721	15,137	BVIA
333	4681135,691	2525086,544	15,040	HCANAL
334	4681136,922	2525087,241	13,120	FCANAL
335	4681151,676	2525061,572	14,405	HCANAL
336	4681138,127	2525065,039	14,876	HCUNETA
337	4681138,149	2525064,795	14,940	HCUNETA
338	4681137,975	2525064,838	14,247	FCUNETA
339	4681135,204	2525071,361	14,842	HCUNETA
340	4681135,062	2525071,743	14,893	HCUNETA
341	4681135,124	2525071,543	14,182	FCUNETA
342	4681027,701	2525020,703	14,995	HCUNETA
343	4681027,865	2525020,424	14,939	HCUNETA
344	4681027,785	2525020,575	14,798	FCUNETA
345	4681005,227	2525002,037	15,042	HCUNETA
346	4681005,407	2525001,779	15,103	HCUNETA
347	4681005,319	2525001,884	14,904	FCUNETA
348	4680994,329	2525001,976	15,208	RF185
349	4681016,728	2524954,892	15,122	RF184
350	4681029,849	2524956,973	15,065	PARAMENTO
351	4681024,310	2524968,819	15,206	PARAMENTO
352	4681055,882	2524983,899	15,047	PARAMENTO
353	4681057,104	2524981,370	14,871	HCUNETA
354	4681057,235	2524981,112	14,871	HCUNETA
355	4681057,199	2524981,260	14,589	FCUNETA
356	4681061,832	2524971,578	15,006	PARAMENTO
357	4681060,500	2524974,406	14,793	HCUNETA
358	4681060,645	2524974,054	14,814	HCUNETA
359	4681072,446	2524979,880	14,412	FCUNETA
360	4681072,351	2524979,685	14,710	HCUNETA
361	4681072,194	2524979,978	14,683	HCUNETA
362	4681111,637	2525010,540	14,707	PARAMENTO

363	4681118,588	2524998,475	15,195	PARAMENTO
364	4681157,870	2525017,295	14,832	PARAMENTO
365	4681161,457	2525010,343	15,323	PARAMENTO
366	4681170,222	2525015,980	13,110	FCANAL
367	4681153,712	2525030,192	15,308	PARAMENTO
368	4681163,953	2525034,818	14,470	HCANAL
369	4681160,091	2525030,570	13,963	FCUNETA
370	4681164,299	2525023,637	13,868	FCUNETA
371	4681135,181	2525156,416	15,016	PARQUE
372	4681135,318	2525167,201	15,134	PARQUE
402	4681067,719	2525229,780	16,281	BOX
403	4681071,117	2525232,013	16,303	BOX
404	4681086,522	2525241,536	16,311	BPAVCON
405	4681082,324	2525248,305	16,308	BPAVCON
406	4681068,112	2525239,606	16,214	BOX
407	4681064,658	2525237,562	16,137	BOX
408	4681053,852	2525231,506	16,286	BPAVCON
409	4681042,113	2525224,644	16,266	BPAVCON
410	4681045,913	2525217,571	16,182	BPAVCON
411	4681057,319	2525224,151	16,186	BPAVCON
412	4681061,725	2525226,570	16,226	BPAVCON
413	4681062,918	2525223,900	16,026	BVIA
414	4681060,889	2525222,738	15,967	EVIA
415	4681058,682	2525221,376	15,966	BVIA
416	4681059,061	2525225,085	16,225	EPAVCON
417	4681057,520	2525220,351	15,972	ANDEN
418	4681058,659	2525220,926	15,951	ANDEN
419	4681057,202	2525222,148	16,268	ANDEN
420	4681055,175	2525222,494	16,353	ANDEN
421	4681054,667	2525220,950	16,500	ANDEN
422	4681055,874	2525221,046	16,445	ANDEN
423	4681065,533	2525228,404	16,574	ANDEN
424	4681063,809	2525227,463	16,412	ANDEN
425	4681063,192	2525225,420	16,359	ANDEN
426	4681064,700	2525225,932	16,319	ANDEN
427	4681064,738	2525224,170	16,194	ANDEN
428	4681063,475	2525223,465	16,212	ANDEN
429	4681069,722	2525214,525	15,646	ANDEN
430	4681068,587	2525213,816	15,644	ANDEN
431	4681068,487	2525213,768	15,540	BVIA
432	4681066,140	2525212,468	15,307	EVIA

433	4681063,912	2525211,293	15,488	BVIA
434	4681063,800	2525211,240	15,668	ANDEN
435	4681062,527	2525210,575	15,692	ANDEN
436	4681066,522	2525202,879	15,257	ANDEN
437	4681067,901	2525203,291	15,274	ANDEN
438	4681067,906	2525201,147	15,198	ANDEN
439	4681066,477	2525201,372	15,247	ANDEN
440	4681065,538	2525200,177	15,172	ANDEN
441	4681066,220	2525198,872	15,125	ANDEN
442	4681068,535	2525199,248	14,890	ADOQUIN
443	4681071,797	2525200,820	14,892	ADOQUIN
444	4681074,807	2525202,143	14,924	ADOQUIN
445	4681074,046	2525202,960	15,020	BVIA
446	4681071,530	2525201,975	14,908	EVIA
447	4681069,325	2525200,927	15,007	BVIA
448	4681074,317	2525202,987	15,169	ANDEN
449	4681075,015	2525202,181	15,134	ANDEN
450	4681075,958	2525201,603	15,112	ANDEN
451	4681077,293	2525202,391	15,092	ANDEN
452	4681076,296	2525203,012	15,123	ANDEN
453	4681075,408	2525203,889	15,160	ANDEN
454	4681078,906	2525201,388	15,143	PUENTE
455	4681079,003	2525199,397	14,928	ADOQUIN
456	4681080,924	2525194,710	14,756	ADOQUIN
457	4681079,084	2525194,214	14,846	ADOQUIN
458	4681077,305	2525193,745	14,806	ADOQUIN
459	4681077,570	2525192,866	14,811	BVIA
460	4681079,366	2525193,464	14,743	EVIA
461	4681081,094	2525194,107	14,792	BVIA
462	4681082,458	2525194,842	14,708	HCUENTA
463	4681082,413	2525194,900	14,413	FCUENTA
464	4681082,335	2525195,040	14,406	FCUENTA
465	4681082,331	2525195,101	14,728	HCUENTA
466	4681077,484	2525193,606	14,825	HCUENTA
467	4681077,580	2525193,381	14,821	HCUENTA
468	4681077,548	2525193,423	14,640	FCUENTA
469	4681077,529	2525193,555	14,645	FCUENTA
470	4681076,407	2525193,066	15,094	SARDINEL
471	4681076,984	2525192,912	15,079	SARDINEL
472	4681077,365	2525192,600	15,070	SARDINEL
473	4681076,536	2525190,966	15,500	PARAMENTO

474	4681086,850	2525184,157	14,697	BVIA
475	4681085,223	2525183,099	14,825	EVIA
476	4681083,342	2525182,137	14,826	BVIA
477	4681085,534	2525177,122	15,061	SARDINEL
478	4681084,352	2525176,169	15,432	PARAMENTO
479	4681085,386	2525177,392	14,905	PELEC
480	4681085,837	2525177,795	14,939	PELEC
481	4681086,549	2525198,523	14,909	BVIA
482	4681085,654	2525201,063	14,847	EVIA
483	4681084,601	2525203,199	14,847	BVIA
484	4681094,774	2525204,963	14,678	BVIA
485	4681095,085	2525201,725	14,721	EVIA
486	4681095,331	2525198,303	14,814	BVIA
487	4681106,935	2525198,225	14,793	BVIA
488	4681107,133	2525201,129	14,743	EVIA
489	4681107,056	2525204,444	14,638	BVIA
490	4681118,174	2525204,343	14,737	BVIA
491	4681118,531	2525201,486	14,832	EVIA
492	4681118,567	2525198,382	14,963	BVIA
498	4681074,722	2525209,183	14,843	HCANAL
502	4681077,906	2525210,545	14,822	BVIA
503	4681082,826	2525202,176	14,862	PUENTE
504	4681084,417	2525198,643	14,751	PUENTE
505	4681080,449	2525197,692	14,837	PUENTE
506	4681071,301	2525196,703	14,946	MH
507	4681063,124	2525189,687	14,916	HCUENTA
508	4681063,341	2525189,187	14,983	HCUENTA
509	4681067,811	2525190,555	14,883	HCUENTA
510	4681067,700	2525190,948	14,906	HCUENTA
511	4681067,758	2525190,826	14,871	FCUENTA
512	4681067,782	2525190,707	14,910	FCUENTA
513	4681067,492	2525190,349	15,120	SARDINEL
514	4681063,087	2525189,831	14,993	ADOQUIN
515	4681061,600	2525192,447	14,913	ADOQUIN
516	4681060,047	2525195,785	14,871	ADOQUIN
517	4681059,989	2525195,970	15,063	ANDEN
518	4681059,271	2525197,215	15,123	ANDEN
519	4681059,037	2525187,203	15,056	PELEC
520	4681059,451	2525186,345	15,188	SARDINEL
521	4681050,414	2525183,843	14,951	ADOQUIN
522	4681049,050	2525186,599	15,010	ADOQUIN

523	4681047,518	2525189,992	14,964	ADOQUIN
524	4681047,479	2525190,090	15,051	ANDEN
525	4681046,729	2525191,412	15,146	ANDEN
526	4681044,110	2525189,030	15,164	PELEC
527	4681044,110	2525179,868	15,166	PELEC
528	4681042,957	2525178,669	15,269	SARDINEL
529	4681037,604	2525177,319	14,956	HCUENTA
530	4681037,411	2525177,646	15,005	HCUENTA
531	4681037,470	2525177,517	14,856	FCUENTA
532	4681037,514	2525177,391	14,845	FCUENTA
533	4681037,219	2525177,836	15,003	ADOQUIN
534	4681035,787	2525180,236	15,071	ADOQUIN
535	4681033,971	2525183,586	15,007	ADOQUIN
536	4681028,657	2525182,837	15,218	ANDEN
537	4681029,154	2525181,732	15,140	ANDEN
538	4681025,939	2525171,985	14,778	PELEC
539	4681026,737	2525171,086	15,180	SARDINEL
540	4681020,302	2525169,172	14,880	HCUENTA
541	4681020,091	2525169,534	14,990	HCUENTA
542	4681020,173	2525169,409	14,810	FCUENTA
543	4681020,216	2525169,320	14,802	FCUENTA
544	4681019,863	2525169,645	15,005	ADOQUIN
545	4681018,384	2525172,326	15,096	ADOQUIN
546	4681016,498	2525175,221	15,115	ADOQUIN
547	4681011,834	2525175,336	15,948	CICLOVIA
548	4681012,221	2525173,680	15,223	CICLOVIA
549	4681010,423	2525163,648	15,113	SARDINEL
550	4681002,368	2525159,104	15,265	SARDINEL
551	4681001,773	2525160,612	15,123	HCUENTA
552	4681001,587	2525161,035	15,162	HCUENTA
553	4681001,603	2525160,885	14,888	FCUENTA
554	4681001,657	2525160,801	15,018	FCUENTA
555	4681001,499	2525161,213	15,223	ADOQUIN
556	4681000,004	2525164,136	15,289	ADOQUIN
557	4680998,800	2525166,924	15,747	ADOQUIN
558	4680998,682	2525167,016	15,806	CICLOVIA
559	4680997,668	2525169,206	15,784	CICLOVIA
560	4680993,675	2525156,307	15,214	PELEC
561	4680986,207	2525151,580	15,175	SARDINEL
562	4680985,884	2525151,931	15,307	SARDINEL
563	4680985,603	2525153,040	15,141	HCUENTA

564	4680985,361	2525153,307	15,131	HCUENTA
565	4680985,445	2525153,288	14,995	FCUENTA
566	4680985,518	2525153,210	14,994	FCUENTA
567	4680985,147	2525153,562	15,134	ADOQUIN
568	4680983,839	2525156,279	15,172	ADOQUIN
569	4680982,144	2525159,444	15,160	ADOQUIN
570	4680982,016	2525159,588	15,158	CICLOVIA
571	4680980,966	2525161,786	15,273	CICLOVIA
572	4680968,000	2525149,313	15,038	ADOQUIN
573	4680966,519	2525152,075	15,167	ADOQUIN
574	4680969,110	2525146,256	15,095	ADOQUIN
575	4680969,183	2525145,938	14,976	HCUENTA
576	4680969,297	2525145,777	14,970	HCUENTA
577	4680969,287	2525145,767	14,684	FCUENTA
578	4680969,217	2525145,786	14,697	FCUENTA
579	4680969,382	2525145,120	14,939	PELEC
580	4680969,766	2525144,208	15,481	SARDINEL
581	4680960,975	2525141,830	15,179	HCUENTA
582	4680960,851	2525142,142	15,181	HCUENTA
583	4680960,876	2525142,073	15,044	FCUENTA
584	4680960,905	2525141,994	15,042	FCUENTA
585	4680960,677	2525142,477	15,112	BVIA
586	4680959,358	2525145,277	15,184	EVIA
587	4680957,882	2525148,299	15,234	BVIA
588	4680946,185	2525145,539	15,309	CICLOVIA
589	4680946,800	2525143,586	15,361	CICLOVIA
590	4680946,894	2525143,345	15,203	BVIA
591	4680948,108	2525140,063	15,202	EVIA
592	4680949,714	2525136,797	15,420	BVIA
593	4680951,683	2525137,040	15,408	PELEC
594	4680952,265	2525135,605	15,372	SARDINEL
595	4680951,944	2525136,530	15,404	SARDINEL
596	4680943,103	2525132,417	15,097	SARDINEL
597	4680940,881	2525132,374	15,137	BVIA
598	4680939,439	2525135,595	15,102	EVIA
599	4680940,399	2525132,360	15,182	BPAVCON
600	4680948,309	2525121,804	15,322	SARDINEL
601	4680946,184	2525120,254	15,127	BPAVCON
602	4680939,986	2525117,280	15,122	BPAVCON
603	4680934,502	2525128,607	15,154	BPAVCON
604	4680931,513	2525134,793	15,212	BPAVCON

605	4680928,065	2525142,206	15,681	BPAVCON
606	4680917,171	2525147,604	16,369	BPAVCON
607	4680933,765	2525153,697	16,475	BPAVCON
608	4680934,459	2525145,591	15,770	BPAVCON
609	4680937,120	2525139,162	15,133	BPAVCON
610	4680937,595	2525139,038	15,063	BPAVCON
611	4680937,436	2525138,844	15,364	ANDEN
612	4680937,424	2525141,797	15,623	ANDEN
613	4680939,405	2525115,039	15,267	COLEGIO
614	4680934,007	2525126,354	15,350	COLEGIO
615	4680989,090	2524606,505	15,130	BOX
616	4680989,995	2524603,585	15,156	BOX
617	4680994,912	2524604,364	15,127	BOX
618	4680993,981	2524607,496	15,145	BOX
619	4681002,941	2524605,478	13,164	FCUENTA
620	4680985,362	2524606,074	13,286	FCUENTA
1773	4681021,211	2524964,755	15,089	P.TALTA
1774	4681022,633	2524965,522	15,185	VERJA
1775	4681024,088	2524965,589	15,125	P.BAJA
1776	4681020,407	2524963,682	14,971	BPAVCON
1777	4681021,947	2524960,751	14,978	EPAVCON
1778	4681023,491	2524957,490	15,023	BPAVCON
1779	4681017,357	2524974,757	15,359	VERJA
1780	4681015,713	2524973,415	15,031	BPAVCON
1781	4681012,654	2524971,937	15,032	EPAVCON
1782	4681009,415	2524970,497	14,971	BPAVCON
1783	4681008,174	2524969,784	15,182	PARAMENTO
1784	4680999,692	2524987,524	15,314	PARAMENTO
1785	4681025,719	2524932,668	15,135	PARAMENTO
1786	4681027,284	2524932,816	14,953	BPAVCON
1787	4681030,650	2524934,300	15,012	EPAVCON
1788	4681033,659	2524935,777	14,977	BPAVCON
1789	4681120,622	2525057,194	14,825	CUNETA
1790	4681018,450	2524951,654	15,001	BPAVCON
1791	4681021,539	2524953,398	15,037	EPAVCON
1792	4681024,708	2524955,057	15,002	BPAVCON
1793	4681025,355	2524957,039	15,042	P.BAJA
1794	4681025,891	2524957,827	15,134	ARBOL
1795	4681018,975	2524959,400	15,030	MH
1796	4681026,110	2524957,794	15,183	SARDINEL
1797	4681026,684	2524959,622	15,045	BVIA

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1798	4681025,355	2524961,895	14,947	EJVIA
1799	4681023,808	2524964,535	15,074	BVIA
1800	4681032,424	2524969,168	15,092	ARBOL
1801	4681036,343	2524970,042	15,057	BVIA
1802	4681037,195	2524967,911	14,872	EJVIA
1803	4681038,545	2524964,716	15,143	ANDEN
1804	4681034,684	2524961,924	15,056	VERJA
1805	4681038,744	2524971,566	15,059	ARBOL
1806	4681040,574	2524973,284	15,137	P.BAJA
1808	4681040,816	2524973,378	15,091	SARDINEL
1809	4681042,099	2524972,543	14,933	BVIA
1810	4681043,436	2524970,292	14,836	EJVIA
1811	4681044,716	2524968,011	15,110	BVIA
1812	4681044,508	2524966,810	15,149	ARBOL
1813	4681048,477	2524967,956	15,344	S.AGUA
1814	4681052,091	2524969,774	15,289	S.AGUA
1815	4681052,557	2524969,799	15,300	VERJA
1816	4681054,003	2524972,677	14,965	BVIA
1817	4681052,475	2524974,919	14,822	EJVIA
1818	4681051,155	2524977,351	14,819	BVIA
1819	4681049,283	2524977,542	14,885	TUB.SALIDA
1820	4681056,831	2524981,771	15,046	VERJA
1821	4681056,972	2524981,401	14,962	SARDINEL
1822	4681059,533	2524973,757	15,211	P.BAJA
1823	4681164,247	2525023,799	14,119	CUNETA
1824	4681068,817	2524978,044	14,796	TUB.SALIDA
1825	4681068,610	2524979,080	14,708	BVIA
1826	4681067,979	2524980,951	14,599	EJVIA
1827	4681066,069	2524983,251	14,722	BVIA
1828	4681067,029	2524984,412	14,888	ARBOL
1829	4681064,972	2524985,030	14,987	P.TALTA
1830	4681065,400	2524985,448	14,900	P.BAJA
1831	4681064,656	2524985,338	15,226	VERJA
1832	4681076,873	2524981,223	15,015	VERJA
1833	4681024,554	2524956,662	14,996	SARDINEL
1834	4681082,191	2524984,123	15,102	P.BAJA
1835	4681082,168	2524985,084	14,444	BVIA
1836	4681080,946	2524987,691	14,627	EJVIA
1837	4681079,518	2524990,380	14,638	BVIA
1839	4681081,288	2524992,889	15,034	SARDINEL
1840	4681083,999	2524994,240	14,738	TUB.SALIDA

1841	4681086,916	2524995,559	14,754	TUB.SALIDA
1842	4681087,346	2524996,214	15,092	S.AGUA
1843	4681087,815	2524996,414	15,146	S.AGUA
1844	4681088,390	2524996,255	14,734	TUB.SALIDA
1845	4681090,375	2524992,751	14,612	MH
1846	4681089,469	2524996,800	14,728	TUB.SALIDA
1847	4681089,340	2524997,281	15,170	VERJA
1848	4681091,239	2524996,565	14,543	BVIA
1849	4681093,024	2524993,875	14,606	EJVIA
1850	4681094,339	2524990,619	14,434	BVIA
1851	4681093,030	2524989,194	14,370	P.BAJA
1852	4681092,571	2524989,283	14,693	TUB.SALIDA
1853	4681101,254	2524992,871	15,032	VERJA
1854	4681100,076	2525001,754	14,760	TUB.SALIDA
1855	4681099,806	2525002,154	14,955	S.AGUA
1856	4681100,048	2525002,340	14,922	S.AGUA
1857	4681103,076	2525003,140	14,814	TUB.SALIDA
1858	4681103,401	2525003,364	14,730	TUB.SALIDA
1859	4681103,854	2525004,134	14,952	S.AGUA
1860	4681105,529	2525005,071	14,878	VERJA
1861	4681105,938	2525004,685	14,415	P.BAJA
1862	4681106,358	2525004,912	14,553	P.TALTA
1863	4681106,749	2525004,039	14,443	BVIA
1864	4681108,118	2525001,206	14,542	EJVIA
1865	4681109,774	2524998,369	14,454	BVIA
1866	4681109,202	2524997,102	14,957	SARDINEL
1867	4681109,562	2524997,074	14,938	P.BAJA
1868	4681117,642	2525000,519	14,801	VERJA
1869	4681117,083	2525001,737	14,339	BVIA
1870	4681115,359	2525005,054	14,465	EJVIA
1871	4681113,981	2525007,625	14,400	BVIA
1872	4681113,651	2525009,127	14,860	VERJA
1873	4681122,728	2525013,227	14,824	S.AGUA
1874	4681122,951	2525012,769	14,339	TUB.SALIDA
1875	4681125,277	2525014,550	14,751	VERJA
1876	4681125,654	2525014,140	14,395	VERJA
1877	4681130,307	2525016,182	14,920	VERJA
1878	4681130,286	2525016,628	14,894	VERJA
1879	4681130,551	2525016,167	14,708	TUB.SALIDA
1880	4681132,644	2525015,386	14,335	BVIA
1881	4681133,765	2525013,092	14,357	EJVIA

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1882	4681135,206	2525010,119	14,295	BVIA
1883	4681133,512	2525008,813	14,397	TUB.SALIDA
1884	4681141,495	2525012,456	14,514	TUB.SALIDA
1885	4681142,625	2525012,739	14,831	P.BAJA
1886	4681143,182	2525010,379	14,882	PARAMENTO
1887	4681141,569	2525012,367	15,024	SARDINEL
1888	4681138,328	2525020,020	15,196	P.TALTA
1889	4681138,313	2525020,479	15,207	VERJA
1890	4681138,660	2525020,360	15,181	SARDINEL
1891	4681139,317	2525021,200	15,194	S.AGUA
1892	4681145,961	2525024,680	15,273	VERJA
1893	4681144,347	2525021,312	14,373	BVIA
1894	4681145,583	2525018,817	14,421	EJVIA
1895	4681147,096	2525016,242	14,418	EJVIA
1896	4681148,154	2525016,060	14,386	CUNETA
1897	4681148,351	2525015,838	14,324	CUNETA
1898	4681156,215	2525019,995	14,265	CUNETA
1899	4681156,235	2525019,734	14,194	CUNETA
1900	4681156,220	2525019,270	14,815	P.TALTA
1901	4681154,988	2525018,537	14,798	P.TALTA
1902	4681129,977	2525015,562	14,873	CUNETA
1903	4681162,148	2525011,541	15,311	SARDINEL
1904	4681156,686	2525019,423	14,796	SARDINEL
1905	4681157,586	2525018,949	14,856	SARDINEL
1906	4681158,696	2525017,840	14,844	SARDINEL
1907	4681164,353	2525023,539	14,092	CUNETA
1908	4681163,249	2525011,778	15,158	BVIA
1909	4681164,964	2525012,635	15,135	EJVIA
1910	4681167,496	2525013,897	15,126	BVIA
1911	4681168,602	2525014,457	15,116	B.CANAL
1912	4681165,257	2525022,482	14,624	B.CANAL
1913	4681163,178	2525022,790	15,009	ARBOL
1914	4681158,133	2525019,461	14,779	BVIA
1915	4681160,201	2525021,044	14,732	EJVIA
1916	4681162,015	2525022,681	14,776	BVIA
1917	4681130,077	2525015,395	14,375	CUNETA
1918	4681147,243	2525023,798	14,238	TUB.SALIDA
1919	4681154,488	2525025,902	14,535	BVIA
1920	4681155,474	2525023,421	14,502	EJVIA
1921	4681156,368	2525021,027	14,501	BVIA
1922	4681140,607	2525059,649	14,991	SARDINEL

1923	4681155,559	2525028,946	15,254	VERJA
1924	4681157,031	2525028,859	15,116	BVIA
1925	4681158,267	2525029,330	14,724	EJVIA
1926	4681159,362	2525030,058	14,809	BVIA
1927	4681158,881	2525030,787	14,732	P.TALTA
1928	4681161,815	2525029,797	15,321	BOX
1929	4681163,482	2525026,109	15,378	BOX
1930	4681167,087	2525027,631	15,292	BOX
1931	4681165,308	2525031,555	15,359	BOX
1932	4681159,845	2525030,795	14,547	CUNETA
1933	4681160,152	2525030,394	14,431	CUNETA
1934	4681162,123	2525031,049	14,092	CUNETA
1935	4681161,789	2525031,551	13,890	CUNETA
1936	4681154,945	2525031,685	14,840	P.BAJA
1937	4681152,807	2525035,077	15,323	VERJA
1938	4681152,697	2525035,311	14,830	BVIA
1939	4681154,534	2525036,291	14,768	EJVIA
1940	4681156,360	2525037,830	14,562	ARBOL
1941	4681157,985	2525038,548	14,644	B.CANAL
1942	4681147,096	2525046,675	15,365	VERJA
1943	4681147,577	2525046,033	15,000	BVIA
1944	4681149,729	2525046,615	14,853	EJVIA
1945	4681153,212	2525048,424	15,218	B.CANAL
1946	4681152,687	2525046,053	14,866	ARBOL
1947	4681150,226	2525050,450	14,875	ARBOL
1948	4681149,248	2525053,211	14,942	ARBOL
1949	4681147,936	2525055,904	15,312	ARBOL
1950	4681145,328	2525055,932	15,243	EJVIA
1951	4681143,184	2525055,030	15,154	BVIA
1952	4681142,398	2525055,265	15,211	PARAMENTO
1953	4681140,974	2525059,338	15,153	BVIA
1954	4681139,268	2525061,496	15,136	PARAMENTO
1955	4681139,811	2525062,054	15,369	SARDINEL
1956	4681141,774	2525062,213	15,474	EJVIA
1957	4681144,722	2525061,186	15,542	ARBOL
1958	4681145,812	2525063,192	15,651	B.CANAL
1959	4681143,541	2525065,833	15,603	ARBOL
1960	4681138,637	2525064,289	15,161	SARDINEL
1961	4681139,494	2525065,146	15,231	P.TALTA
1962	4681140,162	2525064,783	15,167	P.BAJA
1963	4681138,940	2525065,490	14,805	CUNETA

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1964	4681139,770	2525066,278	15,047	BVIA
1965	4681141,147	2525066,778	15,016	EJVIA
1966	4681142,596	2525067,412	15,075	BVIA
1967	4681142,759	2525067,646	15,009	CUNETA
1968	4681143,101	2525067,205	15,190	CUNETA
1969	4681144,320	2525067,579	15,082	B.CANAL
1970	4681144,026	2525067,735	15,068	B.CANAL
1971	4681146,307	2525058,293	15,367	BVIA
1972	4681142,328	2525070,703	15,138	EJVIA
1973	4681135,955	2525070,447	14,639	BVIA
1974	4681135,714	2525071,461	14,765	CUNETA
1975	4681135,580	2525071,897	15,128	CUNETA
1976	4681135,685	2525072,616	15,337	SARDINEL
1977	4681136,325	2525072,697	14,764	BVIA
1978	4681137,404	2525073,165	14,802	EJVIA
1979	4681139,023	2525073,888	14,775	BVIA
1980	4681141,041	2525074,773	14,956	B.CANAL
1981	4681141,518	2525074,007	14,934	B.CANAL
1982	4681145,618	2525074,628	15,403	BOX
1983	4681147,365	2525071,044	15,345	BOX
1984	4681143,743	2525069,119	15,223	BOX
1985	4681141,882	2525072,723	15,386	BOX
1986	4681140,208	2525072,363	14,664	BVIA
1987	4681132,762	2525079,988	15,293	BVIA
1988	4681133,926	2525080,911	15,073	EJVIA
1989	4681135,655	2525082,008	15,070	BVIA
1990	4681137,128	2525082,956	14,883	B.CANAL
1991	4681130,068	2525086,615	15,227	BVIA
1992	4681131,521	2525087,436	15,130	EJVIA
1993	4681133,552	2525088,345	15,164	BVIA
1994	4681134,455	2525088,903	15,091	B.CANAL
1995	4681138,106	2525077,445	15,021	ARBOL
1996	4681136,416	2525068,771	14,698	EJVIA
1997	4681138,079	2525065,906	14,949	BVIA
1998	4681138,152	2525064,965	15,083	TUB.SALIDA
1999	4681133,456	2525062,589	15,126	CUNETA
2000	4681133,314	2525062,789	14,949	CUNETA
2001	4681132,957	2525063,467	14,851	BVIA
2002	4681131,670	2525065,513	14,631	EJVIA
2003	4681130,006	2525068,248	14,747	BVIA
2004	4681129,715	2525068,673	14,877	CUNETA

2005	4681129,439	2525069,040	15,008	CUNETA
2006	4681125,486	2525067,061	14,621	TUB.SALIDA
2007	4681125,648	2525067,870	14,636	SARDINEL
2008	4681124,571	2525068,468	14,637	PARAMENTO
2009	4681128,890	2525060,668	14,794	CUNETA
2010	4681129,032	2525060,467	15,061	CUNETA
2011	4681129,441	2525060,091	15,164	VERJA
2012	4681120,913	2525056,677	15,097	P.TALTA
2013	4681120,773	2525056,633	14,988	TUB.SALIDA
2014	4681120,818	2525056,764	14,835	CUNETA
2015	4681120,717	2525055,926	15,102	S.AGUA
2016	4681121,067	2525055,829	15,239	VERJA
2017	4681119,796	2525057,072	14,769	BVIA
2018	4681118,681	2525059,382	14,633	EJVIA
2019	4681117,008	2525062,339	14,562	BVIA
2020	4681116,121	2525063,425	14,789	S.AGUA
2021	4681115,615	2525065,126	15,009	PARAMENTO
2022	4681109,011	2525061,715	14,912	S.AGUA
2023	4681108,336	2525059,905	14,835	ARBOL
2024	4681108,992	2525058,091	14,817	BVIA
2025	4681109,993	2525055,573	14,712	EJVIA
2026	4681111,201	2525052,778	14,755	BVIA
2027	4681111,716	2525052,424	14,669	CUNETA
2028	4681111,637	2525052,157	15,030	CUNETA
2029	4681112,467	2525052,077	15,020	S.AGUA
2030	4681106,777	2525049,253	15,088	P.BAJA
2031	4681104,952	2525048,287	15,184	VERJA
2032	4681104,298	2525047,853	15,068	S.AGUA
2033	4681103,533	2525049,054	14,805	BVIA
2034	4681102,330	2525051,099	14,854	EJVIA
2035	4681100,856	2525054,125	14,916	BVIA
2036	4681101,662	2525055,335	15,073	CUNETA
2037	4681101,505	2525055,585	15,175	P.BAJA
2038	4681100,248	2525057,218	15,402	PARAMENTO
2039	4681101,943	2525047,571	14,869	TUB.SALIDA
2040	4681103,289	2525045,264	15,504	PARAMENTO
2041	4681097,452	2525044,809	15,080	S.AGUA
2042	4681095,698	2525045,618	14,746	BVIA
2043	4681094,898	2525047,762	14,740	EJVIA
2044	4681093,505	2525050,179	14,774	BVIA
2045	4681093,272	2525051,232	14,894	CUNETA

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2046	4681093,293	2525051,533	14,987	CUNETA
2047	4681092,323	2525051,843	15,016	S.AGUA
2048	4681085,266	2525048,212	14,943	VERJA
2049	4681085,757	2525049,402	15,067	S.AGUA
2050	4681084,363	2525050,245	15,435	PARAMENTO
2051	4681085,551	2525047,008	14,677	BVIA
2052	4681086,840	2525044,318	14,773	EJVIA
2053	4681087,964	2525041,885	14,811	BVIA
2054	4681087,784	2525041,137	14,792	CUNETA
2055	4681088,027	2525040,821	15,193	P.TALTA
2056	4681087,976	2525037,445	15,443	PARAMENTO
2057	4681080,316	2525037,166	15,060	CUNETA
2058	4681080,107	2525037,456	14,773	CUNETA
2059	4681080,379	2525036,500	15,059	S.AGUA
2060	4681079,343	2525037,759	14,786	BVIA
2061	4681078,354	2525039,869	14,838	EJVIA
2062	4681077,079	2525042,684	14,877	BVIA
2063	4681077,059	2525043,856	15,219	CUNETA
2064	4681077,127	2525043,681	14,870	CUNETA
2065	4681076,902	2525044,176	15,208	VERJA
2066	4681073,072	2525033,038	15,113	P.BAJA
2067	4681072,556	2525032,668	14,989	VERJA
2068	4681073,769	2525030,592	15,327	PARAMENTO
2069	4681072,100	2525033,700	14,750	CUNETA
2070	4681072,267	2525033,496	14,785	CUNETA
2071	4681071,951	2525033,924	14,746	BVIA
2072	4681070,667	2525036,469	14,891	EJVIA
2073	4681069,322	2525039,303	14,850	BVIA
2074	4681068,916	2525039,727	14,834	CUNETA
2075	4681068,792	2525039,993	14,979	CUNETA
2076	4681063,494	2525037,883	15,002	P.BAJA
2077	4681063,054	2525037,028	14,761	CUNETA
2078	4681062,955	2525037,278	14,963	CUNETA
2079	4681061,544	2525035,786	14,755	BVIA
2080	4681060,911	2525036,255	15,346	SARDINEL
2081	4681062,811	2525033,044	14,826	BVIA
2082	4681062,822	2525033,034	14,821	EJVIA
2083	4681063,910	2525030,165	14,831	BVIA
2084	4681064,314	2525029,450	15,014	S.AGUA
2085	4681063,052	2525029,295	14,766	CUNETA
2086	4681063,121	2525029,141	14,720	CUNETA

2087	4681064,257	2525028,826	14,922	VERJA
2088	4681064,907	2525026,786	15,377	PARAMENTO
2089	4681058,625	2525026,454	14,751	S.AGUA
2090	4681056,303	2525025,853	14,826	P.TALTA
2091	4681055,924	2525025,244	14,890	S.AGUA
2092	4681055,179	2525024,659	14,960	S.AGUA
2093	4681055,648	2525021,901	14,903	PARAMENTO
2094	4681053,478	2525024,474	14,777	CUNETA
2095	4681053,450	2525024,725	14,818	CUNETA
2096	4681052,952	2525025,311	14,853	BVIA
2097	4681051,679	2525027,676	14,902	EJVIA
2098	4681050,004	2525030,656	14,831	BVIA
2099	4681050,264	2525031,007	14,882	CUNETA
2100	4681050,163	2525031,197	14,957	CUNETA
2101	4681050,570	2525032,075	15,065	S.AGUA
2102	4681052,631	2525032,552	15,073	SARDINEL
2103	4681051,479	2525034,845	15,346	PARAMENTO
2104	4681044,502	2525029,121	15,242	VERJA
2105	4681037,088	2525025,321	15,116	S.AGUA
2106	4681036,329	2525025,137	15,143	VERJA
2107	4681036,370	2525024,747	15,022	CUNETA
2108	4681036,457	2525024,659	14,983	CUNETA
2109	4681036,682	2525024,330	14,960	BVIA
2110	4681037,848	2525021,625	15,011	EJVIA
2111	4681039,144	2525018,440	14,993	BVIA
2112	4681039,193	2525018,270	15,017	CUNETA
2113	4681039,396	2525017,978	15,050	CUNETA
2114	4681039,732	2525017,205	15,068	P.BAJA
2115	4681039,939	2525017,371	15,205	VERJA
2116	4681031,902	2525013,215	15,242	VERJA
2117	4681031,052	2525013,266	15,117	S.AGUA
2118	4681031,368	2525014,087	15,127	CUNETA
2119	4681031,076	2525014,264	14,998	CUNETA
2120	4681030,621	2525014,360	14,993	BVIA
2121	4681029,143	2525016,986	15,047	EJVIA
2122	4681027,590	2525019,977	15,008	BVIA
2123	4681027,811	2525020,314	15,000	CUNETA
2124	4681027,701	2525020,597	15,063	CUNETA
2125	4681027,946	2525020,780	14,943	TUB.SALIDA
2126	4681027,976	2525021,385	15,284	VERJA
2127	4681026,976	2525023,126	15,400	PARAMENTO

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2128	4681020,132	2525016,991	15,074	P.BAJA
2129	4681019,493	2525018,737	15,094	PARAMENTO
2130	4681019,376	2525019,371	15,357	PARAMENTO
2131	4681020,671	2525016,522	15,050	BVIA
2132	4681021,672	2525013,817	15,048	EJVIA
2133	4681023,022	2525011,042	15,088	BVIA
2134	4681023,240	2525010,636	15,078	CUNETA
2135	4681023,363	2525010,534	15,224	P.TALTA
2136	4681023,787	2525009,672	15,323	VERJA
2137	4681014,468	2525014,355	15,380	VERJA
2138	4681012,700	2525013,185	15,416	BVIA
2139	4681013,680	2525010,837	15,459	EJVIA
2140	4681014,557	2525007,038	15,445	BVIA
2141	4681013,866	2525005,163	15,358	VERJA
2142	4681013,622	2525005,629	15,292	CUNETA
2143	4681013,475	2525005,852	15,106	CUNETA
2144	4681012,840	2525006,231	15,130	BVIA
2145	4681011,008	2525009,198	15,175	EJVIA
2146	4681009,864	2525011,740	15,425	BVIA
2147	4681009,345	2525013,316	15,817	PARAMENTO
2148	4681003,509	2525011,151	15,433	PARAMENTO
2149	4681002,805	2525009,344	15,450	SARDINEL
2150	4681002,986	2525008,719	15,495	BVIA
2151	4681004,450	2525005,577	15,076	EJVIA
2152	4681005,626	2525002,476	15,031	BVIA
2153	4681005,201	2525001,706	15,276	CUNETA
2154	4681005,142	2525001,477	15,318	P.BAJA
2155	4681005,156	2525000,940	15,322	VERJA
2156	4681004,490	2525000,347	15,157	P.BAJA
2157	4681003,946	2525000,632	15,030	BVIA
2158	4681002,995	2525000,619	15,052	BPAVCON
2159	4681001,113	2525004,544	15,039	EPAVCON
2160	4680999,172	2525008,405	15,024	BPAVCON
2161	4680999,670	2525009,134	15,093	P.TALTA
2162	4680997,604	2525012,022	15,024	BPAVCON
2163	4680994,476	2525010,614	15,112	EPAVCON
2164	4680996,077	2525007,011	15,115	EPAVCON
2165	4680997,898	2525003,365	15,108	MH
2166	4680999,785	2524999,298	15,112	BPAVCON
2167	4681001,913	2524994,706	15,092	EPAVCON
2168	4681004,948	2524996,060	15,072	BPAVCON

2169	4681008,787	2525000,798	15,350	PARAMENTO
2170	4681012,422	2524992,922	15,603	PARAMENTO
2171	4681009,965	2524991,589	15,520	VERJA
2172	4681006,947	2524991,608	15,033	SARDINEL
2173	4681006,929	2524991,634	15,026	BPAVCON
2174	4681004,136	2524990,220	15,097	EPAVCON
2175	4681000,945	2524988,741	15,066	BPAVCON
2176	4680998,701	2524993,162	15,010	BPAVCON
2177	4680996,585	2524997,661	15,041	BPAVCON
2178	4680994,572	2525001,867	15,062	BPAVCON
2179	4680992,954	2525005,380	15,045	BPAVCON
2180	4680991,193	2525009,029	15,046	BPAVCON
2181	4680987,270	2525017,238	15,052	BPAVCON
2182	4680990,440	2525018,718	15,165	EPAVCON
2183	4680993,576	2525020,191	15,124	BPAVCON
2184	4680998,139	2525019,120	15,709	SARDINEL
2185	4680999,448	2525019,827	15,499	PARAMENTO
2186	4680987,041	2525033,637	15,070	BPAVCON
2187	4680984,217	2525032,306	15,115	EPAVCON
2188	4680981,089	2525030,810	15,065	BPAVCON
2189	4680978,988	2525031,275	15,285	PARAMENTO
2190	4680998,887	2524989,515	15,208	PARAMENTO
2191	4681016,755	2524954,908	15,178	REF 184
2192	4680994,333	2525001,953	15,220	REF 185

Anexo 2

Especificaciones de equipos GPS

La forma del E300 Pro está inspirada en el platillo volador,
Trayendo el alto rendimiento y la estructura mínima de espacio
Exterior.
Voz inteligente
El software receptor y controlador admite voz inteligente TTS
Transmisión, y el contenido de transmisión admite la personalización
Del usuario.
Interfaz
La interfaz adopta un diseño oculto para una mejor protección.
La carga y la transmisión de tipo C es una "dos en uno" función.
Burbuja electrónica
La burbuja electrónica incorporada puede mostrar la situación
Horizontal en el controlador, lo cual es conveniente para que el
Topógrafo recolecte los puntos detallados en el campo.
Botón
El receptor tiene solo un botón de encendido, lo cual es conveniente
Para aprender y usar.
El usuario puede conectarse al receptor a través de un celular
Inteligente u otros productos de hardware con función Wiifi para
Realizar configuraciones, verificación de estado, descarga de
Datos de topografía y actualización de firmware, etc. Operar
E300 Pro puede ser tan simple como navegar por Internet.
Material
El cuerpo es hecho de aleación de magnesio que es resistente y
Tiene mejores características EMC. El peso de todo el receptor es
Solo 940g.
Comprobación de batería

Verifique el nivel de la batería en cualquier momento con la Energía LED indicador.
Protección
IP67, el diseño resistente la caída de 2 m, así que el dispositivo No tenga preocupaciones.
Arte
En la operación RTK, cuando el enlace diferencial de la radio o La red se interrumpe, se utiliza la función arte y la precisión De la operación RTK se puede mantener durante un cierto Período de tiempo, y no hay ángulo muerto en la cadena de Satélites.
Banda L: ATLAS
Usar una estación de referencia de marco global para datos Diferenciales resolviendo y transmitiendo vía satélite, los Usuarios pueden lograr posicionamiento centímetro de receptor Único a escala global, incluso si está en el océano, el desierto, Gobi y otros ambientes extremos, puede proporcionarle datos De coordenadas precisos bajo el marco global.
Topografía de inclinación
El sensor MEMS integrado de alta sensibilidad del E300 Pro, Combinado con el algoritmo patentado de levantamiento de Inclinación, elimina la necesidad de calibración y está listo para Usar.
E300 Pro
RECEPTOR GNSS
El diseño de la forma de E300 Pro
Es inspirado en el platillo volador,
Que significa tecnología futura, y
Apoya diferencial de estación
Satelital y la vida de la cadena de
Satélites, conexión rápida, reconocimiento
Inteligente de voz, inclinación,
etc. El cuerpo es hecho de
Aleación de magnesio, que es resistente
Y tiene mejor características
EMC. Eso crea una sensación
Estética de alto grado, simple pero
Sofisticado.
Comunicación
Bluetooth
Memoria 16 GB
V2.1 + EDR / V4.1 Modo dual, clase 2
WIFI 802.11 a/n/b/g/n
Global 4G
Dimensiones ϕ158 mm x 53 mm

Peso 940 g

Temperatura de funcionamiento -30°C ~ +65°C

Temperatura de almacenamiento
Protección IP67

-40°C ~ +80°C

Receptor GNSS
Bluetooth, indicador inteligente de batería
5 pines
Tarjeta SIM NANO SIM
Fuente de alimentación
Canal* 800
Seguimiento satelital GPS: L1CA/L1P/L1C/L2P/L2C/L5
GLONASS: G1, G2, G3
BeiDou: B1I, B2I, B3I, B1C, B2a, B2b, ACEBOC
Galileo: E1, E5a, E5b, ALTBOC, E6
QZSS: L1C/A, L1C, L2C, L5, LEX
IRNSS
Banda L: ATLAS H10 / H30 / H50
Especificaciones del producto
Linchan RD, Pujan Town, Minan Distracto, Shanghái, China Edición: 20200102
Shanghái e-Compas Sáciense &Tecnología Co., Ltd. Web: www.esurvey-gnss.com
Tel: +86 21 54467215
Email: info@esurvey-gnss.com
SBAS: L1/L5
Velocidad de actualización 5 Hz, hasta 50 Hz
Adquisición de señal
Arranque en caliente
Inicialización Fiabilidad
< 1 ser
< 10 segundos
> 99.9%
Rendimiento (RMS)1

Vertical :

Precisión RTK Horizontal :

Precisión estática Horizontal :

Vertical :

SBAS Precisión Horizontal :

Código diferencial Horizontal :

5 mm + 0.5 ppm
8 mm + 1 ppm
2.5 mm + 0.5 ppm
15 mm + 1 ppm

0.3 m
0.25 m
Batería Batería recargable de iones de litio incorporada
7.2 V - 6800 mAh
Hasta 12 horas
Voltaje Entrada de alimentación externa de 9 ~ 28 V CC
Tiempo de trabajo
Tiempo de carga Normalmente 4 horas
12.5 KHz / 25 KHz
3 - 5 km típicamente
0.5 W / 1 W
Rango de frecuencia 410 - 470 MHz
Rango de operación
Emisión de poder
Espaciado de canales
Radio interna
Celular*
WebUI Actualice el firmware,
Gestione la configuración, descargar datos
Voz Apoyar transmisión de voz TTS
Burbuja electrónica Apoyar
Salida NMEA GGA, ZDA, GSA, GSV, GST, VTG, RMC, GLL
Tipo C Para carga y transmisión de datos
MEMS * Apoyar, hasta 60 °
Especificaciones físicas
Humedad Hasta 100%
Golpe Sobrevive una caída 2 m con el palo en el
Piso de concreto, 1,2 m de caída libre
Indicador Satélites, enlace de datos, nivel de batería,
Illustrations and technical specifications are subject to change without notice.
1. The accuracy claimed is based on the optimal environment.

Conéctese a la alimentación externa y a la radio.**IPER**

Informe de topografía - Proyecto No. 6 (COMUNAS 1, 9 Y 12).

Calle 67 #5-40 Montería
consorciobarem910@gmail.com

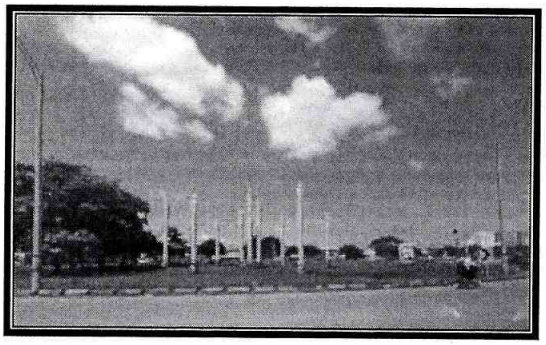
Secretaria de infraestructura del Municipio de Montería

Informe de topografía de los levantamientos topográficos para la formulación de proyectos de infraestructura vial en el municipio de Montería Departamento del Córdoba

ESTUDIOS PARA LA FORMULACION DE PROYECTOS DE INFRAESTRUCTURA VIAL A REALIZAR POR LA

SECRETARIA DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA

INFORME DE TOPOGRAFIA DE LEVANTAMIENTOS TOPOGRAFICOS DEL PROYECTO No 6 PAVIMENTACION DE VIAS EN BARRIOS DE LAS COMUNAS 1 - 9 Y 12





CONTRATO DE CONSULTORIA No CMA- 017-2024 CONSORCIO CONSULTORIA VIAL MONTERIA

INFORME DE TOPOGRAFIA DE LEVANTAMIENTOS TOPOGRAFICOS DEL GRUPO 6

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1 Introducción

LA SECRETARIA DE INFRAESTRUCTURA DEL MUNICIPIO DE MONTERIA en cumplimiento de sus funciones y atendiendo los requerimientos para el fortalecimiento y el desarrollo de la infraestructura vial del casco urbano del municipio de Montería, más específicamente en las área que lo requieren, y que básicamente se refiere a la necesidad de dotar de pavimentos calles y vías del casco urbano con el objeto del mejoramiento de la movilidad en el sector urbano de Montería.
Por esta razón puso en marcha la realización de los estudios para la dotación de pavimentos recuperación en diversos sectores de la malla vía.
Dentro de las tareas se encuentra realizar los levantamientos topográficos detallados y amarrados a la red Geodésica Sistema de coordenadas Magna Sirgas Origen único Nacional.
La topografía tiene como objetivo principal detallar cada uno de los diferentes componentes para la correcta evaluación de los distintos componentes, las condiciones en que se encuentra y ejecutar las actividades necesarias encaminadas a la elaboración de los estudios y diseños para la posterior construcción.
El objetivo final es la de entrega de un documento final que recoja todas las actividades y permita evaluar diseñar y presupuestar de manera correcta el proyecto
Por esta razón se contrató un topógrafo idóneo y titulado con amplia experiencia en este tipo de levantamientos, con el fin de adelantar los estudios topográficos necesarios para el desarrollo del objeto del presente informe.
En cumplimiento de eso se desarrollaron las tareas tendientes a cumplir con esta labor, por tal razón en el presente informe haremos un recuento detallado de las actividades ejecutadas en desarrollo de los levantamientos topográficos.

2 Generalidades

Dentro de los trabajos de campo ejecutados para el proyecto, se encuentran la Georreferenciación de este al sistema de coordenadas **MAGNA SIRGA ORIGEN UNICO NACIONAL** por el método de tiempo de rastreo en estático usando información certificada por el **INSTITUTO GEOGRAFICO AGUSTIN CODAZZI**. Presentes en los alcances del proyecto.

2.1 Personal.

Para el desarrollo de la topografía se contrató a un topógrafo idóneo con licencia profesional vigente, con sus respectivos ayudantes con vasta experiencia en este tipo de actividad.

2.2 Equipos.

Para la correcta ejecución de la topografía y Georreferenciación se utilizaron los siguientes equipos.

- Receptores GPS y Glonas marca Topcon Hiper+ doble frecuencia.
- Receptores Esurvey E300 Pro RTK doble frecuencia L1 y L2.
- Receptores Kolida doble frecuencia L1 y L2.
- Software especializado Topcon Tools.
- Software especializado Civil3D
- Trípodes.
- Bastones

3 Objetivos

3.1 Objetivos Generales.

- Elaborar levantamiento topográfico detallado de cada una de las calles que harán parte del proyecto grupo 2 estos se ejecutaran con gran detalle para determinar las geo forma exacta del terreno y cada componente que pueda interferir en el desarrollo de los diseños

3.2 Objetivos específicos.

- Obtener mediante la topografía información planimetria y altimétrica detallada, alindera miento, áreas de construcción, estructuras existentes, detalle Topográfico general y toda aquella información relevante para el desarrollo de un correcto y adecuado diseño, acorde a las necesidades actuales.
- Localizar el proyecto de recuperación de la malla vial en grupo 6 sector urbano del Municipio de Montería en el departamento del Córdoba al sistema de coordenadas red Magna Sirga Origen único nacional CTM 12.

4 Localización del Proyecto 6

Montería es un municipio colombiano, capital del departamento de Córdoba. Está ubicado al noroccidente del país en la región Caribe Colombiana, se encuentra a orillas del río Sinú, por lo que es conocida como la "Perla del Sinú". Es considerada la capital ganadera de Colombia; anualmente celebra la feria de la Ganadería durante el mes de junio. Es además, un importante centro comercial y universitario, reconocida como una de las ciudades colombianas con mayor crecimiento y desarrollo en los últimos años y por impulsar el desarrollo sostenible.

La ciudad es la capital de Córdoba desde 1952, cuando este territorio se separó del departamento de Bolívar. Es el centro administrativo, cultural, económico y político de la región cordobesa, siendo sede de certámenes turísticos y festividades. Junto con los municipios de Cereté, San Pelayo, Ciénaga de Oro y San Carlos conforman el Área metropolitana de Montería.

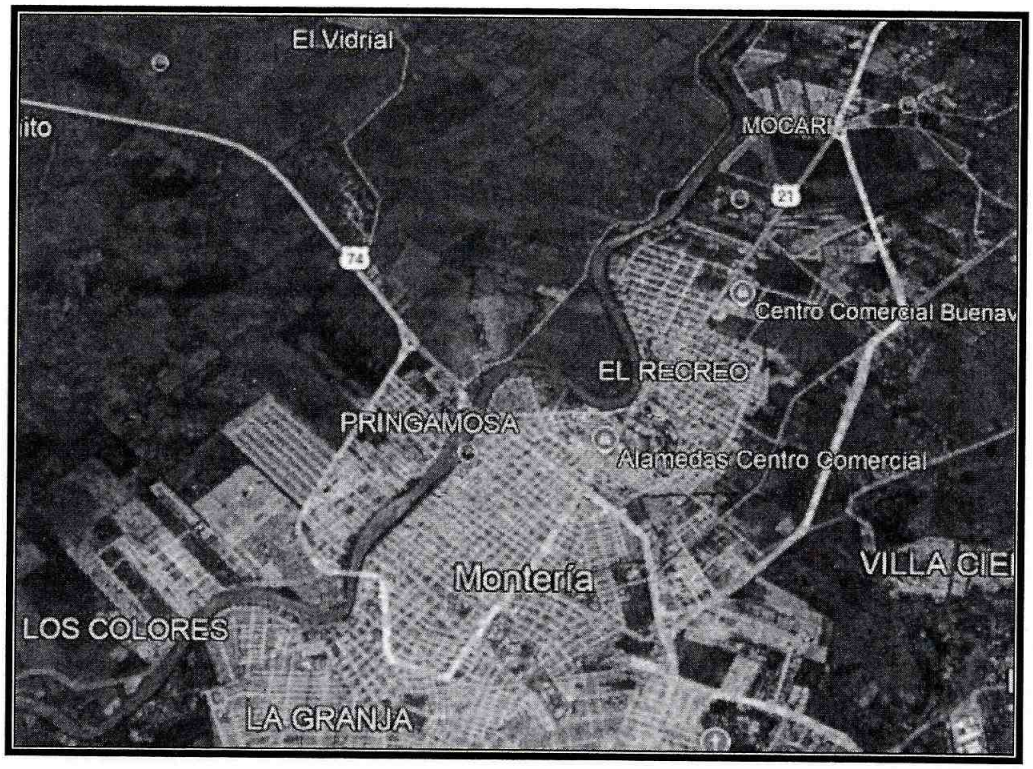


Imagen No 1

Localización de las vías urbanas que serán intervenidas para ser pavimentadas Proyecto 6

5 Metodología y resultados

5.1 Referencia Topográfica.

Este marco de referencia topográfica se desprende del sistema de puntos CD, materializados y georreferenciado por el Instituto Geográfico Agustín Codazzi (IGAC), y referidos al sistema MAGNA SIRGA.

El sistema MAGNA se expresa en coordenadas geográficas y planas de Gauss con origen distante (factor de escala significativo), teniendo en cuenta los componentes geodésicos como curvatura terrestre, convergencia de meridianos y proyección sobre el geoide (geodesia), (sin factor de altura).

5.2 Descripción Trabajo de Campo.

5.2.1 Materialización y Georeferenciacion de Mojones en Campo.

Esta labor se realizó mediante la utilización del sistema GNSS (Sistema de Posicionamiento Global Constelación americana, Galileo, Glonas, BeiDou, Navic y QZS)

Para la realización de esta labor se utilizó 1 vértices de la red pasiva del IGAC sistema **MAGNA SIRGA** como base para la corrección horizontal y vertical en pos proceso.

Para esta actividad se procedió a instalar estratégicamente 22 Mojones de concreto en sitios de fácil acceso, de tal manera que su ubicación garantice estabilidad y permanencia del punto, para el caso de la pavimentación de las diferentes calles de la malla vial se materializaron y georreferenciaron 22 mojones en distintas zonas de la ciudad, de tal manera que su ubicación cubra la mayor área y cercanía con los proyectos a ejecutar.

Para la colocación se excavaron huecos de 0,20 x 0,20 metros de ancho por 0,40 metros de profundidad, luego se vaciaron en sitio con concreto cuya relación de mezcla es una parte de cemento dos partes de arena y 3 partes de agregado grueso y se les coloco una placa de aluminio con su vértice centro e identificados con la leyenda en bajo relieve Alcaldía de Montería 2024 GNSS 01 en consecutivo hasta el GNSS PE 22 Respetivamente.

Para su localización se suministra un archivo KMZ de la ubicación de los Mojones y un cuadro con las direcciones de localización

A continuación presentamos registro fotográfico de la Georreferenciación.



Imagen No 2

Receptor GNSS en Mojón IGAC CR-T-5

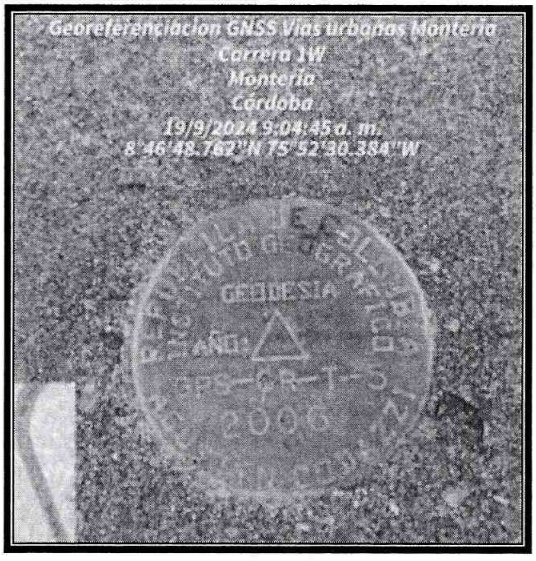


Imagen No 3

Placa descriptiva mojón GNSS IGAC CR-T-5

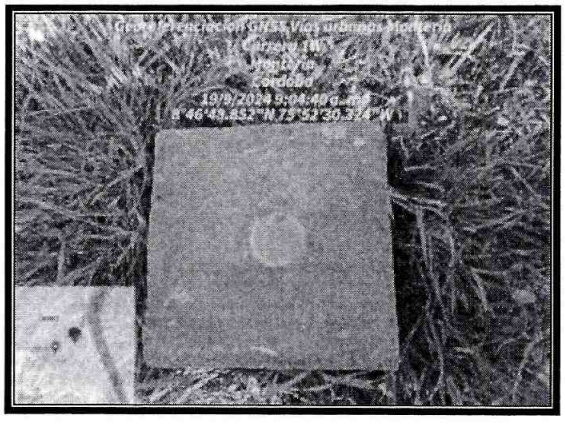


Imagen No 4

Mojón GNSS IGAC CR-T-5



Imagen No 5

Placa descriptiva Mojón GNSS 01

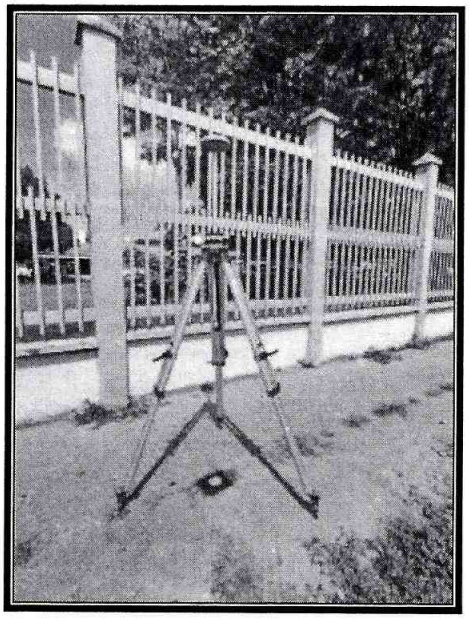


Imagen No 6

Receptor en Mojón GNSS 02



Imagen No 7

Placa descriptiva Mojón GNSS 01

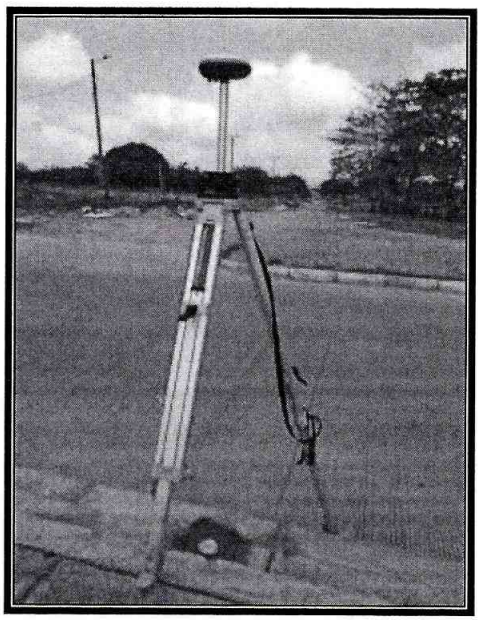


Imagen No 8

Receptor en Mojón GNSS 02